S6140-4

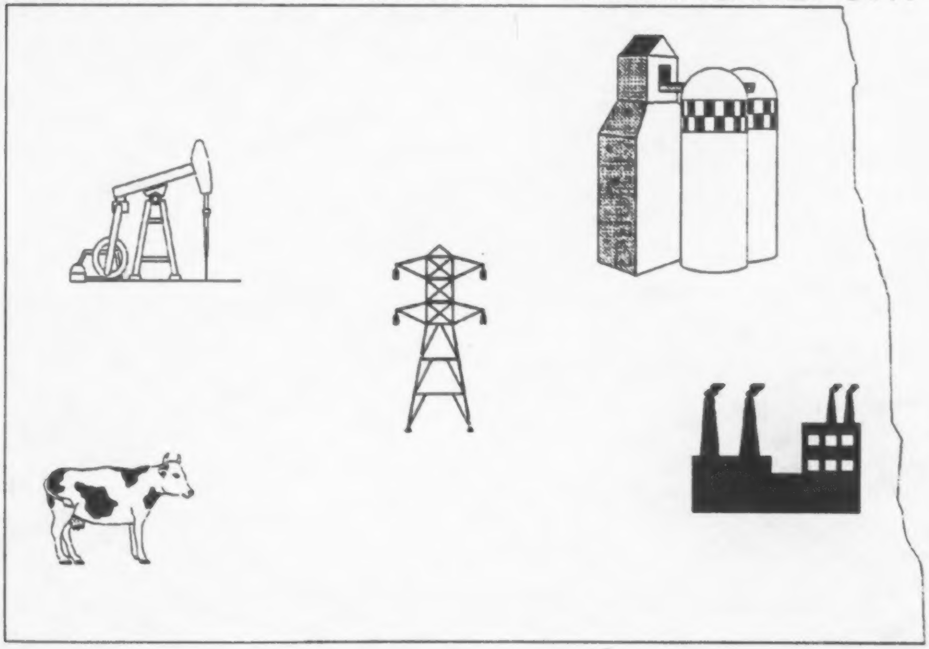
September, 1990

Volume 6, Number 9

JOB
SERVICE
North Dakota

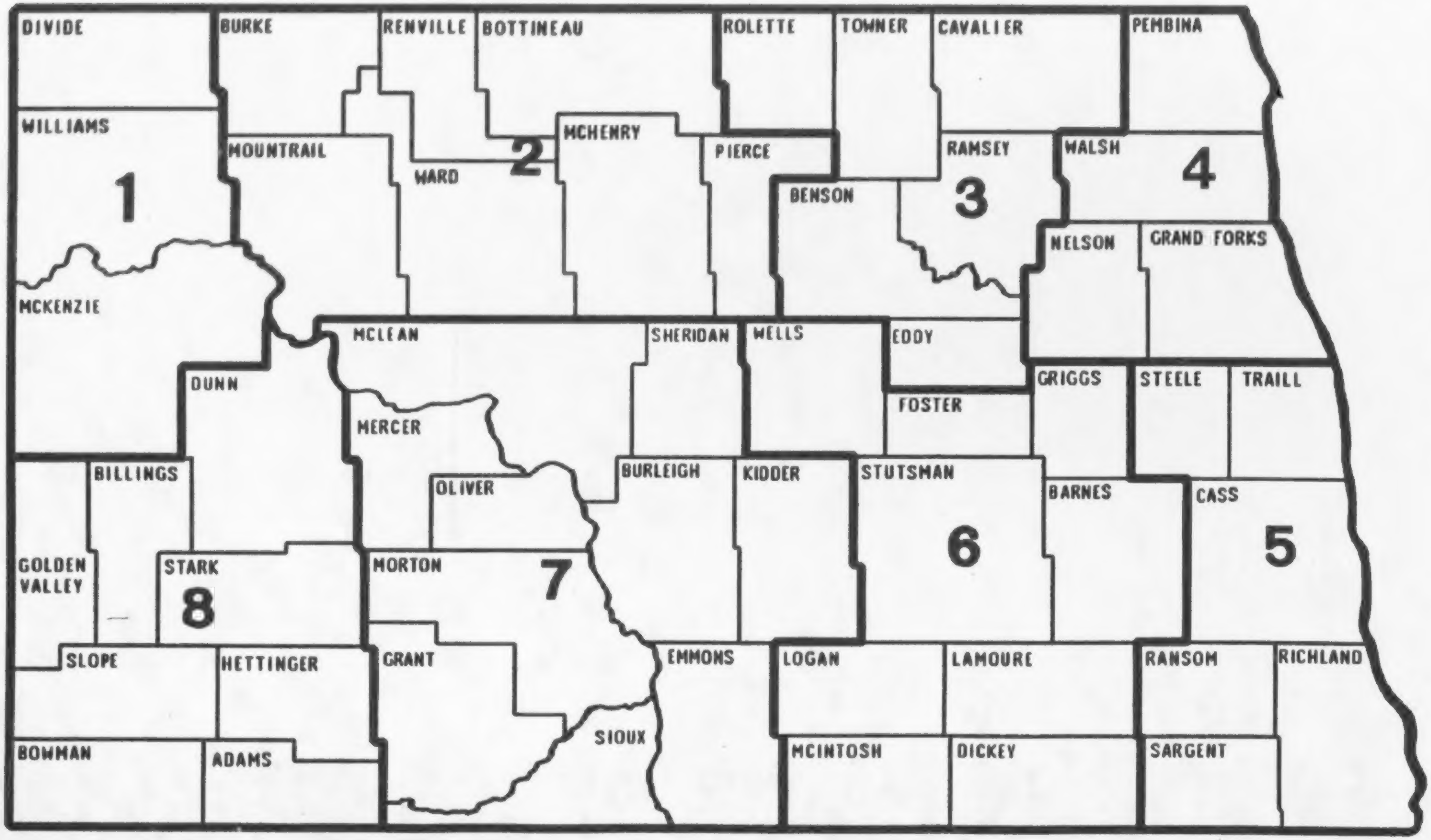
# The North Dakota Labor Market Advisor

## NORTH DAKOTA ANNUAL PLANNING REPORT



# NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
1
MOUNTRAIL
WARD
2
MCHENRY
PIERCE
BENSON
RAMSEY
3
WALSH
4
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
DUNN
MERCER
FOSTER
GRIGGS
STEELE
TRAILL
BILLINGS
OLIVER
BURLEIGH
KIDDER
STUTSMAN
6
BARNES
CASS
5
GOLDEN VALLEY
STARK
8
MORTON
7
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

# THE
# NORTH DAKOTA
# LABOR MARKET ADVISOR

September, 1990

**GEORGE A. SINNER, GOVERNOR**
**STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

**Micheal V. Deisz**
**Executive Director**

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

# 1991 Annual Planning Report: Tradition and Change

The mission of Job Service North Dakota is to deliver quality services to meet the employment needs of a changing economy. To accomplish this mission, Job Service provides several services including: assistance to those who are seeking employment; assisting employers to find qualified individuals; and providing reports on North Dakota's labor market conditions. One report, the Annual Planning Report, is designed to provide a short-term review and outlook.

This report is a document that has been prepared by Job Service North Dakota for some time. As with anything that has a history, the Annual Planning Report has evolved and changed over time. The present form of the report attempts to explain recent changes in North Dakota's economy within a larger context.

Topics considered in the 1991 Annual Planning Report include comparisons between North Dakota and the surrounding states, possible impacts of the Fair Trade Law, as well as changing employment patterns. In addition, outmigration of North Dakotans, impact of federal dollars, economic development and quality of life are addressed in this report. It also compiles historical data on inflation, employment trends, wages and other information that has been found to be helpful.

National and global events have a direct impact on North Dakota's economy. Although unresolved, the General Agreement on Tariffs and Trade (GATT) talks, national policy on clean air, and the changing federal priorities can influence North Dakota's economy. While these policies are as yet undecided, they will change the national and international markets important to North Dakota. The development of free trade zones and the opening of foreign markets can dramatically affect North Dakota's economy.

The Annual Planning Report has a history of providing detailed analysis of county-level economic activity. The 1991 Annual Planning Report continues to provide this information. Included in the report are the preliminary counts of the 1990 census. The preliminary census figures show a shifting population in North Dakota. North Dakotans are moving into urban areas. Shopping, manufacturing, services and employment opportunities are becoming concentrated in urban counties. This movement of the population has broad implications and represent a change of lifestyles for North Dakotans.

Although the state's economy is growing in terms of number of employees and employers, wages have not kept pace with inflation. This means that the buying power of the average person is declining. Should this pattern continue, further changes in lifestyles are likely.

With the development of urban areas, nonagricultural industries have the potential to grow. Recent patterns of employment show that services, manufacturing and retail trade have been growing steadily. Agriculture is still very important to the state's economy, but comparisons between agriculture and other sectors of the economy are difficult because agricultural data is based on production, whereas nonagricultural data is based on employment and wages. With people moving into urban areas and taking non-agricultural jobs, the need for comparable data increases. This is especially true when farmers are involved in set-aside programs. Set-aside programs are programs administered by the United States Department of Agriculture and are designed to increase the market value of crops by decreasing the amount of goods going to market. With set-aside programs, the farmer and those employees who work on the farm increasingly become wage earners. Because most farmers do not pay unemployment insurance payments, employees who work for them are not included in data sources used by Job Service North Dakota. As a result, wages and earnings of agricultural employees are under-represented in comparison to other industries.

Because this report is designed to predict future events, the report is a catalyst for discussion. Reports that prompt discussion need to be clearly written and need to address current issues. With concern over the economic situation in the United States and a push for economic development in North Dakota, the state is at a crossroads. The 1991 Annual Planning Report attempts to focus discussion on lifestyles, the economic future and related topics.

If you would like to receive a copy of this report, write Job Service North Dakota, Research and Statistics Section, P.O. Box 1537, Bismarck, ND 58502, or call (701) 224-2868.

**A. Nelse Grundvig**
**Research Analyst**

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | September 1990 | August 1990 | August 1990 | September 1989 | September 1989 |
| **TOTAL** | 269,050 | 264,800 | 1.6% | 264,250 | 1.8% |
| GOODS PRODUCING | 34,200 | 33,750 | 1.3% | 33,000 | 3.6% |
| MINING | 4,550 | 4,500 | 1.1% | 4,300 | 5.8% |
| Coal | 1,100 | 1,050 | 4.8% | 1,100 | 0.0% |
| Crude Petroleum & Nat. Gas | 3,000 | 3,000 | 0.0% | 2,700 | 11.1% |
| Other Mining | 450 | 450 | 0.0% | 500 | -10.0% |
| CONSTRUCTION | 11,900 | 12,200 | -2.5% | 12,000 | -0.8% |
| Building Construction | 2,900 | 3,000 | -3.3% | 3,100 | -6.5% |
| Street, Highway & Heavy | 3,300 | 3,300 | 0.0% | 3,300 | 0.0% |
| Special Trade Construction | 5,700 | 5,900 | -3.4% | 5,600 | 1.8% |
| MANUFACTURING | 17,750 | 17,050 | 4.1% | 16,700 | 6.3% |
| Durable Goods | 9,000 | 9,050 | -0.6% | 8,200 | 9.8% |
| Primary & Fab. Metals | 1,150 | 1,200 | -4.2% | 1,100 | 4.5% |
| Machinery & Trans. Equip | 5,400 | 5,350 | 0.9% | 4,900 | 10.2% |
| Machinery & Electric | 3,900 | 3,800 | 2.6% | 3,600 | 8.3% |
| Transportation Equipment | 1,500 | 1,550 | -3.2% | 1,300 | 15.4% |
| Other Durables | 2,450 | 2,500 | -2.0% | 2,200 | 11.4% |
| Lumber & Wood | 1,200 | 1,200 | 0.0% | 1,000 | 20.0% |
| Misc Durable | 1,250 | 1,300 | -3.8% | 1,200 | 4.2% |
| Nondurable Goods | 8,750 | 8,000 | 9.4% | 8,500 | 2.9% |
| Food & Kindred Products | 4,800 | 3,950 | 21.5% | 4,400 | 9.1% |
| Dairy Products | 650 | 700 | -7.1% | 700 | -7.1% |
| Bakery Products | 1,150 | 1,000 | 15.0% | 850 | 35.3% |
| Sugar & Confectionary | 1,200 | 600 | 100.0% | 1,050 | 14.3% |
| Other Foods | 1,800 | 1,650 | 9.1% | 1,800 | 0.0% |
| Printing & Publishing | 2,500 | 2,600 | -3.8% | 2,500 | 0.0% |
| Other Nondurable Goods | 1,450 | 1,450 | 0.0% | 1,600 | -9.4% |
| SERVICES PRODUCING | 234,850 | 231,050 | 1.6% | 231,250 | 1.6% |
| TRAN, COMM & UTILITIES | 17,450 | 17,300 | 0.9% | 17,100 | 2.0% |
| Transportation | 9,050 | 8,900 | 1.7% | 8,800 | 2.8% |
| Trucking & Warehousing | 5,100 | 5,100 | 0.0% | 5,000 | 2.0% |
| Other Transportation | 3,950 | 3,800 | 3.9% | 3,800 | 3.9% |
| Railroads | 1,950 | 1,950 | 0.0% | 1,900 | 2.6% |
| Local & Suburban Transport | 850 | 650 | 30.8% | 850 | 0.0% |
| Water, Air & Pipeline | 1,150 | 1,200 | -4.2% | 1,050 | 9.5% |
| Communications | 3,500 | 3,500 | 0.0% | 3,500 | 0.0% |
| Utilities | 4,900 | 4,900 | 0.0% | 4,800 | 2.1% |
| WHOLESALE TRADE | 19,500 | 19,600 | -0.5% | 19,700 | -1.0% |
| Durable Goods | 9,000 | 9,100 | -1.1% | 9,100 | -1.1% |
| Nondurable Goods | 10,500 | 10,500 | 0.0% | 10,600 | -0.9% |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | September 1990 | August 1990 | August 1990 | September 1989 | September 1989 |
| RETAIL TRADE | 51,050 | 50,950 | 0.2% | 50,650 | 0.8% |
| Hardware & Garden | 2,500 | 2,500 | 0.0% | 2,600 | -3.8% |
| General Merchandise | 6,400 | 6,300 | 1.6% | 6,500 | -1.5% |
| Food Stores | 7,100 | 7,200 | -1.4% | 7,200 | -1.4% |
| Auto & Service Stations | 6,900 | 6,900 | 0.0% | 6,600 | 4.5% |
| Apparel & Accessory | 2,600 | 2,600 | 0.0% | 2,600 | 0.0% |
| Furniture Stores | 1,650 | 1,650 | 0.0% | 1,650 | 0.0% |
| Eating & Drinking Places | 18,400 | 18,400 | 0.0% | 18,400 | 0.0% |
| Misc Retail | 5,500 | 5,400 | 1.9% | 5,100 | 7.8% |
| FINANCE, INS & REAL ESTATE | 12,500 | 12,500 | 0.0% | 12,350 | 1.2% |
| Finance | 6,600 | 6,600 | 0.0% | 6,650 | -0.8% |
| Banking | 5,700 | 5,700 | 0.0% | 5,700 | 0.0% |
| Other Finance | 900 | 900 | 0.0% | 950 | -5.3% |
| Insurance | 3,950 | 3,950 | 0.0% | 3,850 | 2.6% |
| Insurance Underwriters | 2,500 | 2,500 | 0.0% | 2,500 | 0.0% |
| Ins. Agents & Brokers | 1,450 | 1,450 | 0.0% | 1,350 | 7.4% |
| Real Estate | 1,950 | 1,950 | 0.0% | 1,850 | 5.4% |
| SERVICES | 69,950 | 69,600 | 0.5% | 67,050 | 4.3% |
| Lodging | 4,600 | 4,600 | 0.0% | 4,500 | 2.2% |
| Personal & Business | 8,200 | 8,200 | 0.0% | 8,000 | 2.5% |
| Personal Services | 3,100 | 3,100 | 0.0% | 3,100 | 0.0% |
| Business Services | 5,100 | 5,100 | 0.0% | 4,900 | 4.1% |
| Recreational Services | 2,700 | 2,800 | -3.6% | 2,600 | 3.8% |
| Health Services | 28,900 | 29,000 | -0.3% | 27,800 | 4.0% |
| Nursing & Hospital | 21,100 | 21,200 | -0.5% | 20,200 | 4.5% |
| Other Health | 7,800 | 7,800 | 0.0% | 7,600 | 2.6% |
| Membership Organizations | 8,100 | 8,100 | 0.0% | 8,100 | 0.0% |
| Educational Services | 3,100 | 2,500 | 24.0% | 3,000 | 3.3% |
| Social Services | 6,700 | 6,600 | 1.5% | 5,700 | 17.5% |
| Other Services | 7,650 | 7,800 | -1.9% | 7,350 | 4.1% |
| Auto & Misc Repair | 2,300 | 2,400 | -4.2% | 2,200 | 4.5% |
| Legal Services | 1,450 | 1,500 | -3.3% | 1,450 | 0.0% |
| Misc Services | 3,900 | 3,900 | 0.0% | 3,700 | 5.4% |
| GOVERNMENT | 64,400 | 61,100 | 5.4% | 64,400 | 0.0% |
| Federal | 10,700 | 10,600 | 0.9% | 10,400 | 2.9% |
| State & Local | 53,700 | 50,500 | 6.3% | 54,000 | -0.6% |
| State Government | 18,600 | 17,300 | 7.5% | 18,800 | -1.1% |
| Educational Services | 11,500 | 10,000 | 15.0% | 11,400 | 0.9% |
| Other State Government | 7,100 | 7,300 | -2.7% | 7,400 | -4.1% |
| Local Government | 35,100 | 33,200 | 5.7% | 35,200 | -0.3% |
| Educational Services | 17,000 | 13,600 | 25.0% | 17,000 | 0.0% |
| Other Local Government | 18,100 | 19,600 | -7.7% | 18,200 | -0.5% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH<br>September 1990 | PREVIOUS MONTH<br>August 1990 | % CHANGE FROM<br>August 1990 | ONE YEAR AGO<br>September 1989 | % CHANGE FROM<br>September 1989 |
|---|---|---|---|---|---|
| **FARGO-MOORHEAD MSA** | | | | | |
| **TOTAL** | 77,850 | 75,700 | 2.8% | 75,450 | 3.2% |
| GOODS PRODUCING | 10,700 | 10,750 | -0.5% | 10,000 | 7.0% |
| MINING & CONSTRUCTION | 4,700 | 4,900 | -4.1% | 4,500 | 4.4% |
| Special Trades | 2,400 | 2,500 | -4.0% | 2,300 | 4.3% |
| Other Construction & Mining | 2,300 | 2,400 | -4.2% | 2,200 | 4.5% |
| MANUFACTURING | 6,000 | 5,850 | 2.6% | 5,500 | 9.1% |
| Durable Goods | 2,800 | 2,900 | -3.4% | 2,650 | 5.7% |
| Fabricated Metal & Machinery | 1,500 | 1,550 | -3.2% | 1,450 | 3.4% |
| Other Durable Goods | 1,300 | 1,350 | -3.7% | 1,200 | 8.3% |
| Nondurable Goods | 3,200 | 2,950 | 8.5% | 2,850 | 12.3% |
| Food & Kindred | 2,100 | 1,900 | 10.5% | 1,800 | 16.7% |
| Other Nondurables | 1,100 | 1,050 | 4.8% | 1,050 | 4.8% |
| SERVICES PRODUCING | 67,150 | 64,950 | 3.4% | 65,450 | 2.6% |
| TRANS, COMM & UTIL | 4,800 | 4,700 | 2.1% | 4,700 | 2.1% |
| Trucking & Warehousing | 1,050 | 950 | 10.5% | 1,000 | 5.0% |
| Other Transportation | 2,100 | 2,100 | 0.0% | 2,000 | 5.0% |
| Communications & Utilities | 1,650 | 1,650 | 0.0% | 1,700 | -2.9% |
| WHOLESALE TRADE | 6,700 | 6,700 | 0.0% | 6,800 | -1.5% |
| Durable | 3,900 | 3,900 | 0.0% | 3,800 | 2.6% |
| Nondurable | 2,800 | 2,800 | 0.0% | 3,000 | -6.7% |
| RETAIL TRADE | 15,150 | 15,000 | 1.0% | 15,000 | 1.0% |
| General Merchandise & Apparel | 3,000 | 3,000 | 0.0% | 2,900 | 3.4% |
| Food Stores | 1,800 | 1,750 | 2.9% | 2,000 | -10.0% |
| Auto Dealers & Svc. Stations | 1,950 | 1,950 | 0.0% | 1,700 | 14.7% |
| Eating & Drinking Places | 5,700 | 5,600 | 1.8% | 5,700 | 0.0% |
| Other Retail | 2,700 | 2,700 | 0.0% | 2,700 | 0.0% |
| FINANCE, INS & R E | 4,600 | 4,600 | 0.0% | 4,500 | 2.2% |
| Finance | 2,100 | 2,100 | 0.0% | 2,000 | 5.0% |
| Insurance Carriers | 1,450 | 1,450 | 0.0% | 1,450 | 0.0% |
| Other Fin, Ins. & R.Estate | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| SERVICES | 21,300 | 21,350 | -0.2% | 20,400 | 4.4% |
| Lodging | 1,400 | 1,400 | 0.0% | 1,350 | 3.7% |
| Personal & Business | 3,600 | 3,500 | 2.9% | 3,600 | 0.0% |
| Recreation & Amusement | 900 | 850 | 5.9% | 900 | 0.0% |
| Health Services | 8,200 | 8,200 | 0.0% | 7,800 | 5.1% |
| Educational Services | 1,200 | 1,450 | -17.2% | 1,150 | 4.3% |
| Social Services | 1,800 | 1,750 | 2.9% | 1,600 | 12.5% |
| Membership Services | 1,400 | 1,400 | 0.0% | 1,400 | 0.0% |
| Other Services | 2,800 | 2,800 | 0.0% | 2,600 | 7.7% |
| GOVERNMENT | 14,600 | 12,600 | 15.9% | 14,050 | 3.9% |
| Federal | 2,300 | 2,300 | 0.0% | 2,300 | 0.0% |
| State | 6,000 | 4,500 | 33.3% | 5,650 | 6.2% |
| State School | 5,400 | 3,900 | 38.5% | 5,100 | 5.9% |
| Other State | 600 | 600 | 0.0% | 550 | 9.1% |
| Local | 6,300 | 5,800 | 8.6% | 6,100 | 3.3% |
| Local School | 3,800 | 3,000 | 26.7% | 3,500 | 8.6% |
| Other Local | 2,500 | 2,800 | -10.7% | 2,600 | -3.8% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH<br>September 1990 | PREVIOUS MONTH<br>August 1990 | % CHANGE FROM<br>August 1990 | ONE YEAR AGO<br>September 1989 | % CHANGE FROM<br>September 1989 |
|---|---|---|---|---|---|
| **GRAND FORKS MSA** | | | | | |
| **TOTAL** | 31,700 | 30,950 | 2.4% | 30,900 | 2.6% |
| GOODS PRODUCING | 2,950 | 2,900 | 1.7% | 3,200 | -7.8% |
| MINING & CONSTRUCTION | 1,600 | 1,700 | -5.9% | 1,750 | -8.6% |
| MANUFACTURING | 1,350 | 1,200 | 12.5% | 1,450 | -6.9% |
| Durable Goods | 450 | 450 | 0.0% | 500 | -10.0% |
| Nondurable Goods | 900 | 750 | 20.0% | 950 | -5.3% |
| SERVICES PRODUCING | 28,750 | 28,050 | 2.5% | 27,700 | 3.8% |
| TRANS, COMM. & UTIL. | 1,700 | 1,700 | 0.0% | 1,650 | 3.0% |
| Transportation | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| Communications & Utilities | 650 | 650 | 0.0% | 650 | 0.0% |
| WHOLESALE TRADE | 1,700 | 1,700 | 0.0% | 1,600 | 6.3% |
| RETAIL TRADE | 8,050 | 7,800 | 3.2% | 7,600 | 5.9% |
| General Merchandise & Apparel | 1,950 | 1,900 | 2.6% | 1,900 | 2.6% |
| Eating & Drinking Places | 3,000 | 2,900 | 3.4% | 2,800 | 7.1% |
| Other Retail | 3,100 | 3,000 | 3.3% | 2,900 | 6.9% |
| FINANCE, INS. & R E | 1,200 | 1,200 | 0.0% | 1,150 | 4.3% |
| SERVICES | 7,250 | 7,150 | 1.4% | 7,000 | 3.6% |
| Personal & Business | 950 | 950 | 0.0% | 900 | 5.6% |
| Health | 2,800 | 2,800 | 0.0% | 2,800 | 0.0% |
| Other Services | 3,500 | 3,400 | 2.9% | 3,300 | 6.1% |
| GOVERNMENT | 8,850 | 8,500 | 4.1% | 8,700 | 1.7% |
| Federal | 1,500 | 1,500 | 0.0% | 1,450 | 3.4% |
| State | 4,800 | 4,600 | 4.3% | 4,850 | -1.0% |
| State School | 4,300 | 4,100 | 4.9% | 4,300 | 0.0% |
| Other State | 500 | 500 | 0.0% | 550 | -9.1% |
| Local | 2,550 | 2,400 | 6.3% | 2,400 | 6.3% |
| Local School | 1,250 | 1,050 | 19.0% | 1,250 | 0.0% |
| Other Local | 1,300 | 1,350 | -3.7% | 1,150 | 13.0% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH<br>September 1990 | PREVIOUS MONTH<br>August 1990 | % CHANGE FROM<br>August 1990 | ONE YEAR AGO<br>September 1989 | % CHANGE FROM<br>September 1989 |
|---|---|---|---|---|---|
| **BISMARCK MSA** | | | | | |
| **TOTAL** | 40,950 | 40,600 | 0.9% | 39,700 | 3.1% |
| GOODS PRODUCING | 4,550 | 4,600 | -1.1% | 4,100 | 11.0% |
| MINING & CONSTRUCTION | 2,300 | 2,300 | 0.0% | 1,850 | 24.3% |
| MANUFACTURING | 2,250 | 2,300 | -2.2% | 2,250 | 0.0% |
| Durable Goods | 950 | 950 | 0.0% | 950 | 0.0% |
| Nondurable Goods | 1,300 | 1,350 | -3.7% | 1,300 | 0.0% |
| SERVICES PRODUCING | 36,400 | 36,000 | 1.1% | 35,600 | 2.2% |
| TRANS, COMM. & UTIL. | 3,100 | 3,100 | 0.0% | 2,850 | 8.8% |
| Transportation | 1,250 | 1,250 | 0.0% | 1,150 | 8.7% |
| Communications & Utilities | 1,850 | 1,850 | 0.0% | 1,700 | 8.8% |
| WHOLESALE TRADE | 2,300 | 2,300 | 0.0% | 2,300 | 0.0% |
| RETAIL TRADE | 8,050 | 8,300 | -3.0% | 8,050 | 0.0% |
| General Merchandise & Apparel | 1,650 | 1,700 | -2.9% | 1,700 | -2.9% |
| Food Stores | 1,050 | 1,100 | -4.5% | 1,050 | 0.0% |
| Auto Dealers & Svc. Stations | 1,050 | 1,050 | 0.0% | 1,150 | -8.7% |
| Eating & Drinking Places | 2,700 | 2,800 | -3.6% | 2,600 | 3.8% |
| Other Retail | 1,600 | 1,650 | -3.0% | 1,550 | 3.2% |
| FINANCE, INS. & R E | 1,500 | 1,500 | 0.0% | 1,550 | -3.2% |
| SERVICES | 12,400 | 12,100 | 2.5% | 12,050 | 2.9% |
| Lodging | 900 | 900 | 0.0% | 900 | 0.0% |
| Personal & Business | 1,500 | 1,450 | 3.4% | 1,400 | 7.1% |
| Health Services | 5,100 | 5,100 | 0.0% | 4,800 | 6.3% |
| Educational Services | 750 | 450 | 66.7% | 850 | -11.8% |
| Social Services | 1,200 | 1,200 | 0.0% | 1,100 | 9.1% |
| Membership Services | 1,150 | 1,200 | -4.2% | 1,250 | -8.0% |
| Other Services | 1,800 | 1,800 | 0.0% | 1,750 | 2.9% |
| GOVERNMENT | 9,050 | 8,700 | 4.0% | 8,800 | 2.8% |
| Federal | 1,200 | 1,250 | -4.0% | 1,200 | 0.0% |
| State | 4,100 | 4,050 | 1.2% | 4,100 | 0.0% |
| State Schools | 300 | 250 | 20.0% | 300 | 0.0% |
| Other State | 3,800 | 3,800 | 0.0% | 3,800 | 0.0% |
| Local | 3,750 | 3,400 | 10.3% | 3,500 | 7.1% |
| Local Schools | 2,100 | 1,650 | 27.3% | 1,850 | 13.5% |
| Other Local | 1,650 | 1,750 | -5.7% | 1,650 | 0.0% |

# LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | CURRENT MONTH<br>SEP 1990 | PREVIOUS MONTH<br>AUG 1990 | % CHANGE FROM<br>AUG 1990 | ONE YEAR AGO<br>SEP 1989 | % CHANGE FROM<br>SEP 1989 |
|---|---|---|---|---|---|
| **UNITED STATES** | | | | | |
| (In Thousands) | | | | | |
| Labor Force | 126,568 | 126,301 | 0.2% | 125,725 | 0.7% |
| Employment | 119,499 | 119,298 | 0.2% | 119,121 | 0.3% |
| Unemployment | 7,069 | 7,003 | 0.9% | 6,604 | 7.0% |
| Unemployment Rate | 5.6% | 5.5% | xxx | 5.3% | xxx |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 325,940 | 337,930 | -3.5% | 331,710 | -1.7% |
| Employment | 314,980 | 326,930 | -3.7% | 318,370 | -1.1% |
| Unemployment | 10,960 | 11,000 | -0.4% | 13,340 | -17.8% |
| Unemployment Rate | 3.4% | 3.3% | xxx | 4.0% | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 87,900 | 88,820 | -1.0% | 86,850 | 1.2% |
| Employment | 85,850 | 86,890 | -1.2% | 84,730 | 1.3% |
| Unemployment | 2,050 | 1,930 | 6.2% | 2,120 | -3.3% |
| Unemployment Rate | 2.3% | 2.2% | xxx | 2.4% | xxx |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 35,540 | 36,570 | -2.8% | 35,950 | -1.1% |
| Employment | 34,280 | 35,340 | -3.0% | 34,590 | -0.9% |
| Unemployment | 1,260 | 1,230 | 2.4% | 1,360 | -7.4% |
| Unemployment Rate | 3.6% | 3.4% | xxx | 3.8% | xxx |
| **BISMARCK MSA** | | | | | |
| Labor Force | 47,630 | 49,370 | -3.5% | 47,960 | -0.7% |
| Employment | 46,120 | 47,900 | -3.7% | 45,970 | 0.3% |
| Unemployment | 1,510 | 1,470 | 2.7% | 1,990 | -24.1% |
| Unemployment Rate | 3.2% | 3.0% | xxx | 4.1% | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
AUG 1990

| | NORTH DAKOTA | MINNESOTA | SOUTH DAKOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 337.9 | 2,430.9 | 368.3 | 405.7 |
| Employment | 326.9 | 2,325.4 | 354.3 | 388.0 |
| Unemployment | 11.0 | 105.5 | 14.0 | 17.7 |
| Unemployment Rate | 3.3% | 4.3% | 3.8% | 4.4% |

## UNITED STATES

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | SEP 1990 | AUG 1990 | SEP 1989 | SEP 1990 | AUG 1990 | SEP 1989 | SEP 1990 | AUG 1990 | SEP 1989 |
| MANUFACTURING | 450.73 | 441.46 | 434.66 | 41.2 | 40.8 | 41.2 | 10.94 | 10.82 | 10.55 |
| Durable Goods | 479.13 | 467.62 | 462.87 | 41.7 | 41.2 | 41.7 | 11.49 | 11.35 | 11.10 |
| Nondurable Goods | 412.70 | 407.84 | 396.90 | 40.5 | 40.3 | 40.5 | 10.19 | 10.12 | 9.80 |

## NORTH DAKOTA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | September 1990 | August 1990 | September 1989 | September 1990 | August 1990 | September 1989 | September 1990 | August 1990 | September 1989 |
| MANUFACTURING | 352.63 | 351.45 | 357.01 | 39.4 | 39.4 | 39.8 | 8.95 | 8.92 | 8.97 |
| Durable Goods | 380.69 | 375.65 | 397.20 | 41.2 | 41.1 | 43.6 | 9.24 | 9.14 | 9.11 |
| Nondurable Goods | 322.50 | 321.15 | 315.20 | 37.5 | 37.3 | 35.9 | 8.60 | 8.61 | 8.78 |
| Food & Kindred | 326.31 | 322.15 | 321.53 | 38.8 | 37.9 | 37.3 | 8.41 | 8.50 | 8.62 |

## FARGO-MOORHEAD MSA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | September 1990 | August 1990 | September 1989 | September 1990 | August 1990 | September 1989 | September 1990 | August 1990 | September 1989 |
| MANUFACTURING | 342.50 | 348.77 | 379.96 | 38.7 | 39.1 | 41.8 | 8.85 | 8.92 | 9.09 |
| Durable Goods | 349.92 | 360.96 | 394.37 | 39.9 | 41.3 | 43.1 | 8.77 | 8.74 | 9.13 |
| Nondurable Goods | 335.39 | 335.98 | 364.41 | 37.6 | 36.8 | 40.4 | 8.92 | 9.13 | 9.02 |

## U. S. CONSUMER PRICE INDEX

## ALL URBAN CONSUMERS

(1982-84=100)

| ITEM | ANNUAL AVERAGE 1989 | SEP 1990 | AUG 1990 | Percent Change From AUG 1990 | SEP 1989 | Percent Change From SEP 1989 |
|---|---|---|---|---|---|---|
| All Items | 124.0 | 132.7 | 131.6 | 0.8% | 125.0 | 6.2% |
| Food & Beverage | 124.9 | 133.0 | 132.7 | 0.2% | 125.9 | 5.6% |
| Housing | 123.0 | 130.5 | 130.2 | 0.2% | 124.3 | 5.0% |
| Apparel & Upkeep | 118.6 | 126.8 | 122.2 | 3.8% | 120.0 | 5.7% |
| Transportation | 114,1 | 123.0 | 120.6 | 2.0% | 113.7 | 8.2% |
| Medical Care | 149.3 | 165.8 | 165.0 | 0.5% | 151.7 | 9.3% |
| Entertainment | 126.5 | 134.1 | 133.0 | 0.8% | 127.8 | 4.9% |
| All Other | 147.7 | 162.6 | 160.4 | 1.4% | 151.2 | 7.5% |

## PRODUCER PRICE INDEX

## UNITED STATES AVERAGE

| ITEM | ANNUAL AVERAGE 1989 | SEP 1990 | AUG 1990 | Percent Change From AUG 1990 | SEP 1989 | Percent Change From SEP 1989 |
|---|---|---|---|---|---|---|
| All Commodities | 112.2 | 118.3 | 116.5 | 1.5% | 112.4 | 5.2% |
| Farm Products & Processed Foods and Feeds | 115.3 | 117.9 | 119.2 | -1.1% | 114.5 | 3.0% |
| Industrial Commodities | 111.6 | 118.3 | 115.9 | 2.1% | 111.9 | 5.7% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | SEP'90 | AUG'90 | SEP'89 | SEP'90 | AUG'90 | SEP'89 | SEP'90 | AUG'90 | SEP'89 | SEP'90 | AUG'90 | SEP'89 |
| Divide | 1,345 | 1,439 | 1,397 | 1,317 | 1,414 | 1,361 | 28 | 25 | 36 | 2.1% | 1.7% | 4.5% |
| McKenzie | 2,805 | 3,026 | 2,998 | 2,739 | 2,940 | 2,864 | 66 | 86 | 134 | 2.4% | 2.8% | 4.2% |
| Williams | 10,851 | 11,657 | 11,176 | 10,450 | 11,310 | 10,703 | 401 | 347 | 473 | 3.7% | 3.0% | 4.4% |
| REGION 1 | 15,001 | 16,122 | 15,571 | 14,506 | 15,664 | 14,928 | 495 | 458 | 643 | 3.3% | 2.8% | 4.1% |
| Bottineau | 3,333 | 3,427 | 3,451 | 3,230 | 3,307 | 3,306 | 103 | 120 | 145 | 3.1% | 3.5% | 4.2% |
| Burke | 1,215 | 1,233 | 1,314 | 1,168 | 1,195 | 1,254 | 47 | 38 | 60 | 3.9% | 3.1% | 4.6% |
| McHenry | 2,613 | 2,653 | 2,676 | 2,383 | 2,453 | 2,433 | 230 | 200 | 243 | 8.8% | 7.5% | 9.1% |
| Mountrail | 3,390 | 3,479 | 3,409 | 3,213 | 3,290 | 3,177 | 177 | 189 | 232 | 5.2% | 5.4% | 6.8% |
| Pierce | 2,469 | 2,641 | 2,505 | 2,410 | 2,597 | 2,445 | 59 | 44 | 60 | 2.4% | 1.7% | 2.4% |
| Renville | 1,223 | 1,216 | 1,272 | 1,196 | 1,191 | 1,214 | 27 | 25 | 58 | 2.2% | 2.1% | 4.6% |
| Ward | 24,756 | 26,134 | 25,487 | 23,806 | 25,260 | 24,276 | 950 | 874 | 1,211 | 3.8% | 3.3% | 4.8% |
| REGION 2 | 38,999 | 40,783 | 40,114 | 37,406 | 39,293 | 38,105 | 1,593 | 1,490 | 2,009 | 4.1% | 3.7% | 5.0% |
| Benson | 2,545 | 2,742 | 3,152 | 2,289 | 2,485 | 2,751 | 256 | 257 | 401 | 10.1% | 9.4% | 12.7% |
| Cavalier | 2,572 | 2,689 | 2,674 | 2,483 | 2,597 | 2,544 | 89 | 92 | 130 | 3.5% | 3.4% | 4.9% |
| Eddy | 1,412 | 1,499 | 1,442 | 1,338 | 1,435 | 1,361 | 74 | 64 | 81 | 5.2% | 4.3% | 5.6% |
| Ramsey | 6,686 | 7,115 | 6,568 | 6,496 | 6,954 | 6,355 | 190 | 161 | 213 | 2.8% | 2.3% | 3.2% |
| Rolette | 4,681 | 4,821 | 4,830 | 4,115 | 4,023 | 4,180 | 566 | 798 | 650 | 12.1% | 16.6% | 13.5% |
| Towner | 1,604 | 1,796 | 1,703 | 1,570 | 1,761 | 1,669 | 34 | 35 | 34 | 2.1% | 1.9% | 2.0% |
| REGION 3 | 19,500 | 20,662 | 20,369 | 18,291 | 19,255 | 18,860 | 1,209 | 1,407 | 1,509 | 6.2% | 6.8% | 7.4% |
| Grand Forks | 35,538 | 36,571 | 35,955 | 34,275 | 35,338 | 34,594 | 1,263 | 1,233 | 1,361 | 3.6% | 3.4% | 3.8% |
| Nelson | 1,861 | 1,954 | 1,921 | 1,814 | 1,898 | 1,857 | 47 | 56 | 64 | 2.5% | 2.9% | 3.3% |
| Pembina | 5,571 | 5,758 | 5,605 | 5,218 | 5,230 | 5,195 | 353 | 528 | 410 | 6.3% | 9.2% | 7.3% |
| Walsh | 7,887 | 7,830 | 8,202 | 7,579 | 7,469 | 7,846 | 308 | 361 | 356 | 3.9% | 4.6% | 4.3% |
| REGION 4 | 50,857 | 52,113 | 51,683 | 48,886 | 49,935 | 49,492 | 1,971 | 2,178 | 2,191 | 3.9% | 4.2% | 4.2% |
| Cass | 61,839 | 62,891 | 61,787 | 60,585 | 61,847 | 60,477 | 1,254 | 1,044 | 1,310 | 2.0% | 1.7% | 2.1% |
| Ransom | 2,625 | 2,820 | 2,727 | 2,566 | 2,777 | 2,657 | 59 | 43 | 70 | 2.2% | 1.5% | 2.6% |
| Richland | 8,586 | 8,762 | 8,713 | 8,343 | 8,438 | 8,414 | 243 | 324 | 299 | 2.8% | 3.7% | 3.4% |
| Sargent | 2,725 | 2,893 | 2,728 | 2,687 | 2,858 | 2,673 | 38 | 35 | 55 | 1.4% | 1.2% | 2.0% |
| Steele | 1,088 | 1,182 | 1,141 | 1,060 | 1,155 | 1,094 | 28 | 27 | 47 | 2.6% | 2.3% | 4.1% |
| Traill | 4,558 | 4,419 | 4,570 | 4,379 | 4,256 | 4,385 | 179 | 163 | 185 | 3.9% | 3.7% | 4.0% |
| REGION 5 | 81,421 | 82,967 | 81,666 | 79,620 | 81,331 | 79,700 | 1,801 | 1,636 | 1,966 | 2.2% | 2.0% | 2.4% |

## LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | SEP'90 | AUG'90 | SEP'89 | SEP'90 | AUG'90 | SEP'89 | SEP'90 | AUG'90 | SEP'89 | SEP'90 | AUG'90 | SEP'89 |
| Barnes | 5,839 | 5,944 | 5,837 | 5,702 | 5,802 | 5,703 | 137 | 142 | 134 | 2.3% | 2.4% | 2.3% |
| Dickey | 3,194 | 3,285 | 3,182 | 3,129 | 3,205 | 3,110 | 65 | 80 | 72 | 2.0% | 2.4% | 2.3% |
| Foster | 2,266 | 2,327 | 2,241 | 2,207 | 2,268 | 2,160 | 59 | 59 | 81 | 2.6% | 2.5% | 3.6% |
| Griggs | 1,527 | 1,614 | 1,592 | 1,491 | 1,589 | 1,543 | 36 | 25 | 49 | 2.4% | 1.5% | 3.1% |
| La Moure | 2,319 | 2,346 | 2,384 | 2,270 | 2,308 | 2,320 | 49 | 38 | 64 | 2.1% | 1.6% | 2.7% |
| Logan | 1,459 | 1,509 | 1,488 | 1,427 | 1,478 | 1,456 | 32 | 31 | 32 | 2.2% | 2.1% | 2.2% |
| McIntosh | 2,177 | 2,336 | 2,243 | 2,160 | 2,308 | 2,192 | 17 | 28 | 51 | 0.8% | 1.2% | 2.3% |
| Stutsman | 11,665 | 12,278 | 11,908 | 11,393 | 12,004 | 11,586 | 272 | 274 | 322 | 2.3% | 2.2% | 2.7% |
| Wells | 2,708 | 2,794 | 2,829 | 2,575 | 2,674 | 2,682 | 133 | 120 | 147 | 4.9% | 4.3% | 5.2% |
| REGION 6 | 33,154 | 34,433 | 33,704 | 32,354 | 33,636 | 32,752 | 800 | 797 | 952 | 2.4% | 2.3% | 2.8% |
| Burleigh | 34,885 | 36,156 | 35,123 | 33,846 | 35,151 | 33,734 | 1,039 | 1,005 | 1,389 | 3.0% | 2.8% | 4.0% |
| Emmons | 2,129 | 2,265 | 2,234 | 2,082 | 2,215 | 2,144 | 47 | 50 | 90 | 2.2% | 2.2% | 4.0% |
| Grant | 1,826 | 1,954 | 1,896 | 1,782 | 1,907 | 1,815 | 44 | 47 | 81 | 2.4% | 2.4% | 4.3% |
| Kidder | 1,497 | 1,547 | 1,537 | 1,423 | 1,457 | 1,450 | 74 | 90 | 87 | 4.9% | 5.8% | 5.7% |
| McLean | 4,517 | 4,465 | 4,617 | 4,340 | 4,291 | 4,338 | 177 | 174 | 279 | 3.9% | 3.9% | 6.0% |
| Mercer | 5,557 | 5,734 | 5,716 | 5,310 | 5,497 | 5,370 | 247 | 237 | 346 | 4.4% | 4.1% | 6.1% |
| Morton | 12,752 | 13,219 | 12,834 | 12,277 | 12,750 | 12,237 | 475 | 469 | 597 | 3.7% | 3.5% | 4.7% |
| Oliver | 1,000 | 1,053 | 1,054 | 958 | 1,023 | 998 | 42 | 30 | 56 | 4.2% | 2.8% | 5.3% |
| Sheridan | 1,226 | 1,284 | 1,201 | 1,177 | 1,254 | 1,154 | 49 | 30 | 47 | 4.0% | 2.3% | 3.9% |
| Sioux | 1,115 | 1,201 | 1,194 | 980 | 854 | 987 | 135 | 347 | 207 | 12.1% | 28.9% | 17.3% |
| REGION 7 | 66,504 | 68,878 | 67,406 | 64,175 | 66,399 | 64,227 | 2,329 | 2,479 | 3,179 | 3.5% | 3.6% | 4.7% |
| Adams | 1,712 | 1,789 | 1,719 | 1,668 | 1,761 | 1,674 | 44 | 28 | 45 | 2.6% | 1.6% | 2.6% |
| Billings | 851 | 1,104 | 896 | 838 | 1,091 | 873 | 13 | 13 | 23 | 1.5% | 1.2% | 2.6% |
| Bowman | 2,102 | 2,254 | 2,149 | 2,058 | 2,233 | 2,093 | 44 | 21 | 56 | 2.1% | 0.9% | 2.6% |
| Dunn | 1,806 | 1,911 | 1,757 | 1,732 | 1,852 | 1,653 | 74 | 59 | 104 | 4.1% | 3.1% | 5.9% |
| Gldn Valley | 1,082 | 1,102 | 1,100 | 1,054 | 1,087 | 1,074 | 28 | 15 | 26 | 2.6% | 1.4% | 2.4% |
| Hettinger | 1,768 | 1,877 | 1,834 | 1,715 | 1,815 | 1,774 | 53 | 62 | 60 | 3.0% | 3.3% | 3.3% |
| Slope | 471 | 491 | 465 | 429 | 467 | 437 | 42 | 24 | 28 | 8.9% | 4.9% | 6.0% |
| Stark | 10,706 | 11,446 | 11,274 | 10,246 | 11,110 | 10,726 | 460 | 336 | 548 | 4.3% | 2.9% | 4.9% |
| REGION 8 | 20,498 | 21,974 | 21,194 | 19,740 | 21,416 | 20,304 | 758 | 558 | 890 | 3.7% | 2.5% | 4.2% |
| **STATE TOTALS** | 325,939 | 337,932 | 331,706 | 314,980 | 326,929 | 318,368 | 10,959 | 11,003 | 13,338 | 3.4% | 3.3% | 4.0% |

## DEFINITIONS

**EMPLOYED:** A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE:** The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX:** A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE-OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
301 South College Drive
Phone: 662- 2181

DICKINSON
66 Osborn Drive
Phone: 227-2361

FARGO
1350 32nd Street South
Phone: 237-7113

NDSU-FARGO
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

FORT TOTTEN
Tribal Building
Phone: 766-4221, Ext. 45

FORT YATES
Job Service Building
Phone: 854-7463

GRAFTON
927 12th St. West
Phone: 352-2202

GRAND FORKS
2016 South Washington
Phone: 777-3711

UND-GRAND FORKS
McCannel Hall- Room 141
Phone: 777-3904

HARVEY
119 9th St. West
Phone: 324-4552

HETTINGER
606 2nd Avenue North
Phone: 567-2156

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

MANDAN
501 1st Street Northwest
Phone: 663-6461

MINOT
3416 North Broadway
Phone: 857-7650

NEW TOWN
Tribal Administration Building
Phone: 627-4390

OAKES
517 Main Ave.
PHONE: 742-2546

ROLLA
103 East Main
Phone: 477-5631

VALLEY CITY
2425 West Main
Phone: 845-7261

WAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 774-4370

SG140-4

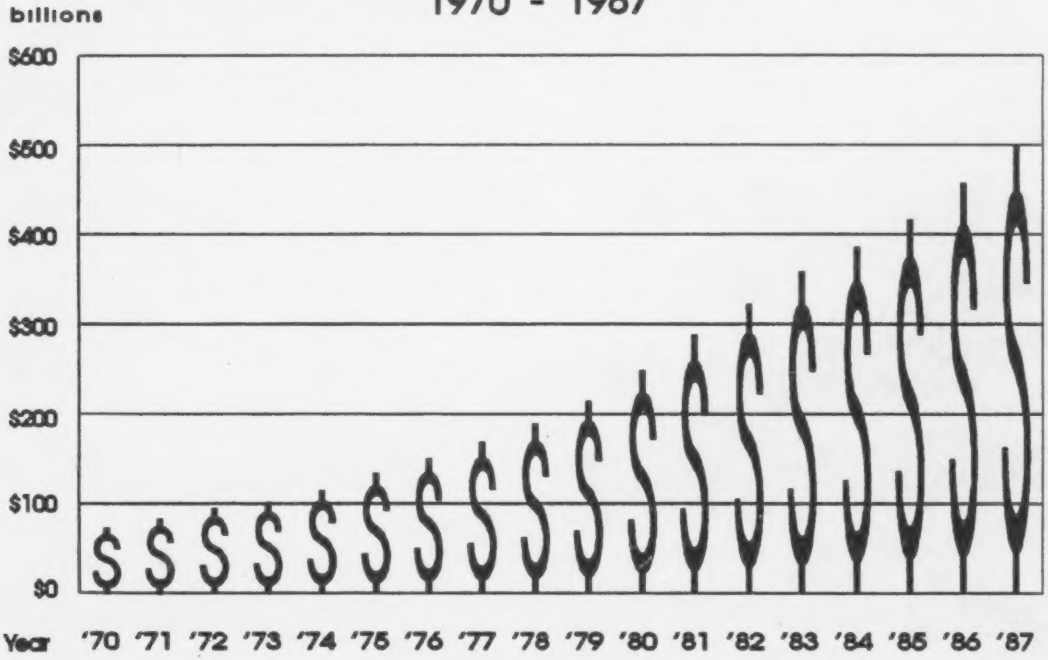
October, 1990

Volume 6, Number 10

JOB
SERVICE
North Dakota

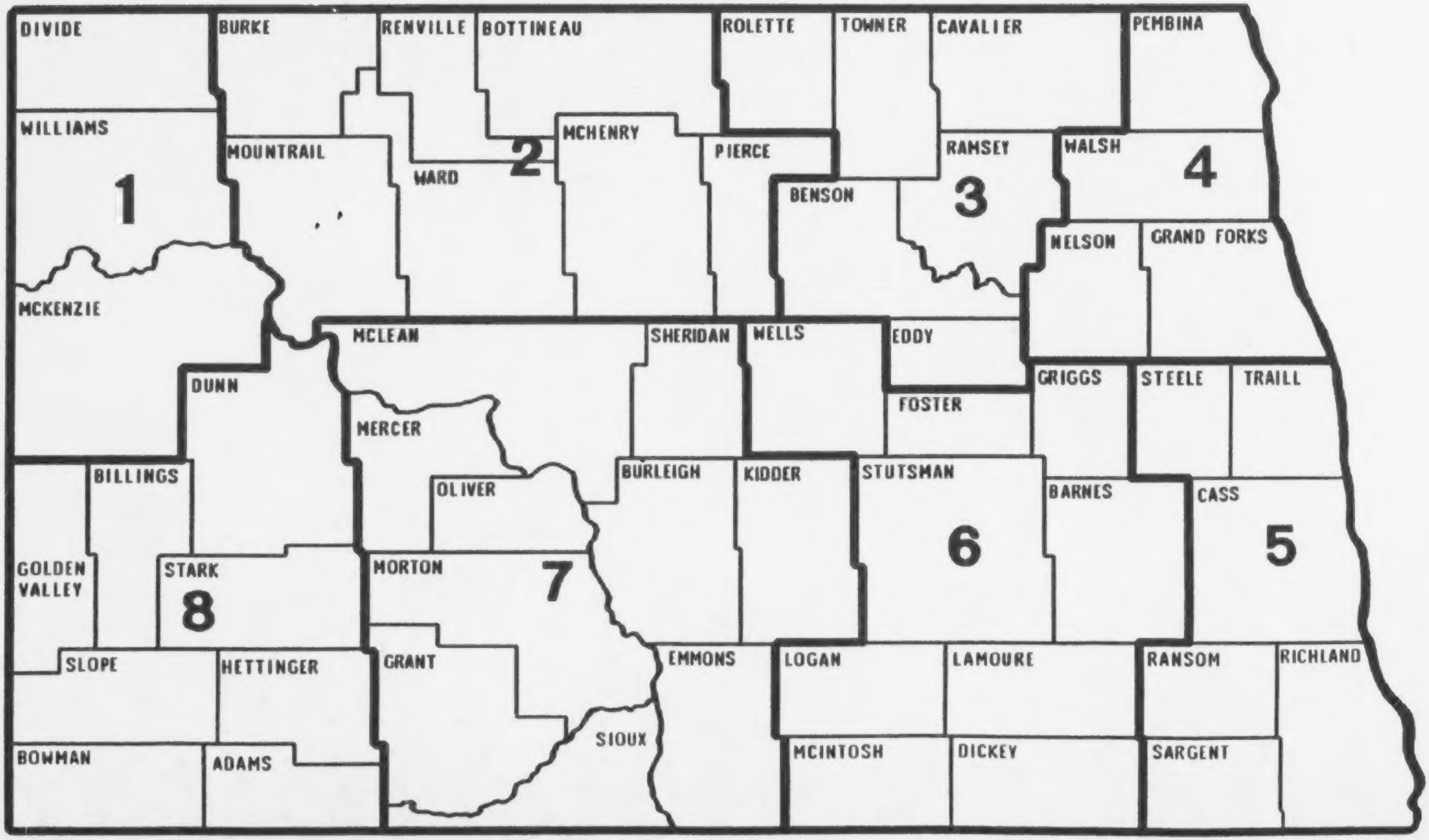
# The North Dakota Labor Market Advisor

NATIONAL HEALTH EXPENDITURES
1970 - 1987



# NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
WARD
2
MCHENRY
PIERCE
RAMSEY
WALSH
4
1
BENSON
3
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
DUNN
GRIGGS
STEELE
TRAILL
FOSTER
MERCER
BILLINGS
OLIVER
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
6
5
GOLDEN VALLEY
STARK
8
MORTON
7
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

# THE
# NORTH DAKOTA
# LABOR MARKET ADVISOR

October, 1990

**GEORGE A. SINNER, GOVERNOR**
**STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

**Micheal V. Deisz**
**Executive Director**

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

# HEALTH CARE IN NORTH DAKOTA - WHO SHOULD PAY?

According to the 1989 Health Insurance Survey of North Dakotans, 8.8% of our residents are without health insurance. That translates into approximately 55,000 to 57,000 people who do not have medical coverage (survey administered by the Bureau of Governmental Affairs, December 1989).

Lately, there has been a lot of media discussion about the best way to ensure that all of our citizens have equal access to health care. From the 1989 Health Insurance Survey, 36.6% of those with insurance coverage indicate that they feel "employers" should be those providing health insurance. This raises serious questions for the small employer in terms of the costs associated with providing health coverage. According to Susan Engeleiter, administrator for the U.S. Small Business Administration, small businesses pay 10% to 40% more for their health insurance premiums than do larger companies. In addition, since many small businesses are not incorporated, they are not entitled to the same tax benefits on health costs that incorporated businesses are (the Council of State Governments, May 1990). This can be especially crucial in a state such as ours where 79% of all firms have fewer than 10 employees (1st quarter 1989 ES-202/Employer Contribtion data). From the Job Service North Dakota publication North Dakota Wage and Benefit Survey for 1988-1989, 75% of employers do provide some health coverage for their full-time employees, with 56% of all employers paying more than half of this coverage. However, only 21% of employers provide any health coverage for their part-time employees (those working less than 30 hours per week). In looking at a summary of the 14 areas surveyed for the Local Employment Survey, it was found that of all new jobs created in the last four years, 59% of these were part-time. If this trend continues, we may have more of our population without employer-provided health insurance.

Of those people without health coverage, 35.9% feel that some sort of national health insurance plan should be established. One of the most frequently cited examples of a national health insurance policy is that which is in use in Canada. However, the Canadian system is also experiencing difficulties in terms of ever-increasing costs. Since Canadians are entitled to full, free medical insurance, there are no incentives for cost containment. Additionally, with Canada facing a per capita deficit exceeding that of the United States, some costs may soon be shifted to health care consumers (Kathleen Doherty, Business & Health, July 1989).

From 1970 to 1987, national health care expenditures rose from $75 billion to $500.3 billion annually. As a percent of our gross national product, health care has gone from 7.4% to 11.1% in the same time period. As the costs for health care continue to escalate, more and more of the burden is being shifted to the consumer in the form of higher copayments and larger deductibles. This can become financially disastrous for some. In a recent study conducted by the Service Employees International Unions, 178 health plans were examined to determine the effect of cost saving measures from 1987 to 1989. The study showed that middle income families were at risk for as much as 20% of their after-tax income when they were covered by fee-for-service health plans, and lower income workers could be at risk for as much as 30%. The Bureau of National Affairs considers ordinary health expenditures as 8% of after-tax income and expenditures of 8%-12% as catastrophic.

It is evident that there are no easy answers to a question as complex as this. However, as we face a growing elderly population, newer and costlier medical technology, and overall greater demand for health care services, this question is not one that will simply go away.

**Lynda Kingsley**
**Research Analyst**

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | October 1990 | September 1990 | September 1990 | October 1989 | October 1989 |
| **TOTAL** | 271,050 | 268,350 | 1.0% | 265,600 | 2.1% |
| **GOODS PRODUCING** | 34,650 | 34,000 | 1.9% | 33,050 | 4.8% |
| **MINING** | 4,350 | 4,550 | -4.4% | 4,250 | 2.4% |
| Coal | 1,050 | 1,100 | -4.5% | 1,100 | -4.5% |
| Crude Petroleum & Nat. Gas | 2,900 | 3,000 | -3.3% | 2,600 | 11.5% |
| Other Mining | 400 | 450 | -11.1% | 550 | -27.3% |
| **CONSTRUCTION** | 11,700 | 11,700 | 0.0% | 11,600 | 0.9% |
| Building Construction | 2,700 | 2,800 | -3.6% | 3,000 | -10.0% |
| Street, Highway & Heavy | 3,400 | 3,300 | 3.0% | 3,100 | 9.7% |
| Special Trade Construction | 5,600 | 5,600 | 0.0% | 5,500 | 1.8% |
| **MANUFACTURING** | 18,600 | 17,750 | 4.8% | 17,200 | 8.1% |
| Durable Goods | 9,150 | 9,000 | 1.7% | 8,200 | 11.6% |
| Primary & Fab. Metals | 1,150 | 1,150 | 0.0% | 1,100 | 4.5% |
| Machinery & Trans. Equip | 5,550 | 5,450 | 1.8% | 4,900 | 13.3% |
| Machinery & Electric | 4,000 | 3,900 | 2.6% | 3,600 | 11.1% |
| Transportation Equipment | 1,550 | 1,550 | 0.0% | 1,300 | 19.2% |
| Other Durables | 2,450 | 2,400 | 2.1% | 2,200 | 11.4% |
| Lumber & Wood | 1,200 | 1,150 | 4.3% | 1,000 | 20.0% |
| Misc Durable | 1,250 | 1,250 | 0.0% | 1,200 | 4.2% |
| Nondurable Goods | 9,450 | 8,750 | 8.0% | 9,000 | 5.0% |
| Food & Kindred Products | 5,400 | 4,650 | 16.1% | 4,950 | 9.1% |
| Dairy Products | 650 | 650 | 0.0% | 650 | 0.0% |
| Bakery Products | 1,400 | 1,150 | 21.7% | 850 | 64.7% |
| Sugar & Confectionary | 1,450 | 1,100 | 31.8% | 1,450 | 0.0% |
| Other Foods | 1,900 | 1,750 | 8.6% | 2,000 | -5.0% |
| Printing & Publishing | 2,600 | 2,600 | 0.0% | 2,500 | 4.0% |
| Other Nondurable Goods | 1,450 | 1,500 | -3.3% | 1,550 | -6.5% |
| **SERVICES PRODUCING** | 236,400 | 234,350 | 0.9% | 232,550 | 1.7% |
| **TRAN, COMM & UTILITIES** | 17,450 | 17,400 | 0.3% | 17,000 | 2.6% |
| Transportation | 9,150 | 9,100 | 0.5% | 8,800 | 4.0% |
| Trucking & Warehousing | 5,200 | 5,100 | 2.0% | 5,000 | 4.0% |
| Other Transportation | 3,950 | 4,000 | -1.3% | 3,800 | 3.9% |
| Railroads | 1,850 | 1,950 | -5.1% | 1,850 | 0.0% |
| Local & Suburban Transport | 900 | 850 | 5.9% | 900 | 0.0% |
| Water, Air & Pipeline | 1,200 | 1,200 | 0.0% | 1,050 | 14.3% |
| Communications | 3,500 | 3,500 | 0.0% | 3,500 | 0.0% |
| Utilities | 4,800 | 4,800 | 0.0% | 4,700 | 2.1% |
| **WHOLESALE TRADE** | 19,300 | 19,400 | -0.5% | 19,800 | -2.5% |
| Durable Goods | 8,800 | 8,900 | -1.1% | 9,100 | -3.3% |
| Nondurable Goods | 10,500 | 10,500 | 0.0% | 10,700 | -1.9% |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | October 1990 | September 1990 | September 1990 | October 1989 | October 1989 |
| RETAIL TRADE | 50,550 | 50,950 | -0.8% | 50,150 | 0.8% |
| Hardware & Garden | 2,400 | 2,400 | 0.0% | 2,600 | -7.7% |
| General Merchandise | 6,600 | 6,400 | 3.1% | 6,600 | 0.0% |
| Food Stores | 7,100 | 7,100 | 0.0% | 7,100 | 0.0% |
| Auto & Service Stations | 6,900 | 6,900 | 0.0% | 6,700 | 3.0% |
| Apparel & Accessory | 2,600 | 2,600 | 0.0% | 2,700 | -3.7% |
| Furniture Stores | 1,650 | 1,650 | 0.0% | 1,650 | 0.0% |
| Eating & Drinking Places | 17,800 | 18,400 | -3.3% | 17,700 | 0.6% |
| Misc Retail | 5,500 | 5,500 | 0.0% | 5,100 | 7.8% |
| FINANCE, INS & REAL ESTATE | 12,350 | 12,450 | -0.8% | 12,250 | 0.8% |
| Finance | 6,550 | 6,550 | 0.0% | 6,550 | 0.0% |
| Banking | 5,600 | 5,600 | 0.0% | 5,600 | 0.0% |
| Other Finance | 950 | 950 | 0.0% | 950 | 0.0% |
| Insurance | 3,900 | 3,950 | -1.3% | 3,850 | 1.3% |
| Insurance Underwriters | 2,500 | 2,500 | 0.0% | 2,500 | 0.0% |
| Ins. Agents & Brokers | 1,400 | 1,450 | -3.4% | 1,350 | 3.7% |
| Real Estate | 1,900 | 1,950 | -2.6% | 1,850 | 2.7% |
| SERVICES | 70,250 | 69,850 | 0.6% | 66,750 | 5.2% |
| Lodging | 4,500 | 4,600 | -2.2% | 4,400 | 2.3% |
| Personal & Business | 8,500 | 8,300 | 2.4% | 8,200 | 3.7% |
| Personal Services | 3,200 | 3,100 | 3.2% | 3,200 | 0.0% |
| Business Services | 5,300 | 5,200 | 1.9% | 5,000 | 6.0% |
| Recreational Services | 2,500 | 2,700 | -7.4% | 2,400 | 4.2% |
| Health Services | 29,100 | 29,000 | 0.3% | 27,500 | 5.8% |
| Nursing & Hospital | 21,200 | 21,200 | 0.0% | 19,900 | 6.5% |
| Other Health | 7,900 | 7,800 | 1.3% | 7,600 | 3.9% |
| Membership Organizations | 8,200 | 8,100 | 1.2% | 8,200 | 0.0% |
| Educational Services | 3,100 | 2,800 | 10.7% | 3,100 | 0.0% |
| Social Services | 6,700 | 6,700 | 0.0% | 5,700 | 17.5% |
| Other Services | 7,650 | 7,650 | 0.0% | 7,250 | 5.5% |
| Auto & Misc Repair | 2,300 | 2,300 | 0.0% | 2,100 | 9.[illegible] |
| Legal Services | 1,450 | 1,450 | 0.0% | 1,450 | 0.0% |
| Misc Services | 3,900 | 3,900 | 0.0% | 3,700 | 5.4% |
| GOVERNMENT | 66,500 | 64,300 | 3.4% | 66,600 | -0.2% |
| Federal | 10,400 | 10,600 | -1.9% | 10,200 | 2.0% |
| State & Local | 56,100 | 53,700 | 4.5% | 56,400 | -0.5% |
| State Government | 20,200 | 18,600 | 8.6% | 20,400 | -1.0% |
| Educational Services | 13,200 | 11,500 | 14.8% | 13,300 | -0.8% |
| Other State Government | 7,000 | 7,100 | -1.4% | 7,100 | -1.4% |
| Local Government | 35,900 | 35,100 | 2.3% | 36,000 | -0.3% |
| Educational Services | 18,200 | 17,000 | 7.1% | 18,200 | 0.0% |
| Other Local Government | 17,700 | 18,100 | -2.2% | 17,800 | -0.6% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | October 1990 | September 1990 | September 1990 | October 1989 | October 1989 |
| **FARGO-MOORHEAD MSA** | | | | | |
| **TOTAL** | 79,800 | 77,900 | 2.4% | 77,850 | 2.5% |
| GOODS PRODUCING | 10,650 | 10,700 | -0.5% | 9,850 | 8.1% |
| MINING & CONSTRUCTION | 4,600 | 4,700 | -2.1% | 4,400 | 4.5% |
| Special Trades | 2,300 | 2,400 | -4.2% | 2,200 | 4.5% |
| Other Construction & Mining | 2,300 | 2,300 | 0.0% | 2,200 | 4.5% |
| MANUFACTURING | 6,050 | 6,000 | 0.8% | 5,450 | 11.0% |
| Durable Goods | 2,800 | 2,800 | 0.0% | 2,650 | 5.7% |
| Fabricated Metal & Machinery | 1,500 | 1,500 | 0.0% | 1,450 | 3.4% |
| Other Durable Goods | 1,300 | 1,300 | 0.0% | 1,200 | 8.3% |
| Nondurable Goods | 3,250 | 3,200 | 1.6% | 2,800 | 16.1% |
| Food & Kindred | 2,200 | 2,100 | 4.8% | 1,800 | 22.2% |
| Other Nondurables | 1,050 | 1,100 | -4.5% | 1,000 | 5.0% |
| SERVICES PRODUCING | 69,150 | 67,200 | 2.9% | 68,000 | 1.7% |
| TRANS, COMM & UTIL | 4,850 | 4,800 | 1.0% | 4,850 | 0.0% |
| Trucking & Warehousing | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| Other Transportation | 2,200 | 2,100 | 4.8% | 2,200 | 0.0% |
| Communications & Utilities | 1,600 | 1,650 | -3.0% | 1,650 | -3.0% |
| WHOLESALE TRADE | 6,700 | 6,700 | 0.0% | 6,700 | 0.0% |
| Durable | 3,900 | 3,900 | 0.0% | 3,800 | 2.6% |
| Nondurable | 2,800 | 2,800 | 0.0% | 2,900 | -3.4% |
| RETAIL TRADE | 15,250 | 15,250 | 0.0% | 15,200 | 0.3% |
| General Merchandise & Apparel | 3,100 | 3,100 | 0.0% | 3,000 | 3.3% |
| Food Stores | 1,800 | 1,800 | 0.0% | 2,000 | -10.0% |
| Auto Dealers & Svc. Stations | 1,950 | 1,950 | 0.0% | 1,700 | 14.7% |
| Eating & Drinking Places | 5,700 | 5,700 | 0.0% | 5,800 | -1.7% |
| Other Retail | 2,700 | 2,700 | 0.0% | 2,700 | 0.0% |
| FINANCE, INS & R E | 4,600 | 4,600 | 0.0% | 4,500 | 2.2% |
| Finance | 2,100 | 2,100 | 0.0% | 2,000 | 5.0% |
| Insurance Carriers | 1,450 | 1,450 | 0.0% | 1,450 | 0.0% |
| Other Fin, Ins. & R.Estate | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| SERVICES | 22,700 | 21,250 | 6.8% | 21,700 | 4.6% |
| Lodging | 1,400 | 1,400 | 0.0% | 1,350 | 3.7% |
| Personal & Business | 3,800 | 3,600 | 5.6% | 3,700 | 2.7% |
| Recreation & Amusement | 850 | 850 | 0.0% | 900 | -5.6% |
| Health Services | 8,300 | 8,200 | 1.2% | 7,800 | 6.4% |
| Educational Services | 2,200 | 1,200 | 83.3% | 2,200 | 0.0% |
| Social Services | 1,850 | 1,800 | 2.8% | 1,650 | 12.1% |
| Membership Services | 1,500 | 1,400 | 7.1% | 1,500 | 0.0% |
| Other Services | 2,800 | 2,800 | 0.0% | 2,600 | 7.7% |
| GOVERNMENT | 15,050 | 14,600 | 3.1% | 15,050 | 0.0% |
| Federal | 2,300 | 2,300 | 0.0% | 2,300 | 0.0% |
| State | 6,050 | 6,000 | 0.8% | 6,350 | -4.7% |
| State School | 5,500 | 5,400 | 1.9% | 5,800 | -5.2% |
| Other State | 550 | 600 | -8.3% | 550 | 0.0% |
| Local | 6,700 | 6,300 | 6.3% | 6,400 | 4.7% |
| Local School | 4,200 | 3,800 | 10.5% | 3,900 | 7.7% |
| Other Local | 2,500 | 2,500 | 0.0% | 2,500 | 0.0% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | October 1990 | September 1990 | September 1990 | October 1989 | October 1989 |
| **GRAND FORKS MSA** | | | | | |
| **TOTAL** | 33,100 | 31,700 | 4.4% | 32,300 | 2.5% |
| GOODS PRODUCING | 3,050 | 2,950 | 3.4% | 3,200 | -4.7% |
| MINING & CONSTRUCTION | 1,500 | 1,600 | -6.3% | 1,650 | -9.1% |
| MANUFACTURING | 1,550 | 1,350 | 14.8% | 1,550 | 0.0% |
| Durable Goods | 500 | 450 | 11.1% | 550 | -9.1% |
| Nondurable Goods | 1,050 | 900 | 16.7% | 1,000 | 5.0% |
| SERVICES PRODUCING | 30,050 | 28,750 | 4.5% | 29,100 | 3.3% |
| TRANS, COMM. & UTIL. | 1,700 | 1,700 | 0.0% | 1,650 | 3.0% |
| Transportation | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| Communications & Utilities | 650 | 650 | 0.0% | 650 | 0.0% |
| WHOLESALE TRADE | 1,700 | 1,700 | 0.0% | 1,600 | 6.3% |
| RETAIL TRADE | 8,200 | 8,050 | 1.9% | 7,750 | 5.8% |
| General Merchandise & Apparel | 2,000 | 1,950 | 2.6% | 1,950 | 2.6% |
| Eating & Drinking Places | 3,100 | 3,000 | 3.3% | 2,800 | 10.7% |
| Other Retail | 3,100 | 3,100 | 0.0% | 3,000 | 3.3% |
| FINANCE, INS. & R E | 1,200 | 1,200 | 0.0% | 1,150 | 4.3% |
| SERVICES | 7,250 | 7,250 | 0.0% | 7,150 | 1.4% |
| Personal & Business | 950 | 950 | 0.0% | 950 | 0.0% |
| Health | 2,800 | 2,800 | 0.0% | 2,800 | 0.0% |
| Other Services | 3,500 | 3,500 | 0.0% | 3,400 | 2.9% |
| GOVERNMENT | 10,000 | 8,850 | 13.0% | 9,800 | 2.0% |
| Federal | 1,500 | 1,500 | 0.0% | 1,500 | 0.0% |
| State | 5,900 | 4,800 | 22.9% | 5,800 | 1.7% |
| State School | 5,400 | 4,300 | 25.6% | 5,300 | 1.9% |
| Other State | 500 | 500 | 0.0% | 500 | 0.0% |
| Local | 2,600 | 2,550 | 2.0% | 2,500 | 4.0% |
| Local School | 1,350 | 1,250 | 8.0% | 1,350 | 0.0% |
| Other Local | 1,250 | 1,300 | -3.8% | 1,150 | 8.7% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | October 1990 | September 1990 | September 1990 | October 1989 | October 1989 |
| **BISMARCK MSA** | | | | | |
| **TOTAL** | 40,950 | 41,000 | -0.1% | 39,550 | 3.5% |
| GOODS PRODUCING | 4,450 | 4,550 | -2.2% | 4,050 | 9.9% |
| MINING & CONSTRUCTION | 2,200 | 2,300 | -4.3% | 1,800 | 22.2% |
| MANUFACTURING | 2,250 | 2,250 | 0.0% | 2,250 | 0.0% |
| Durable Goods | 950 | 950 | 0.0% | 950 | 0.0% |
| Nondurable Goods | 1,300 | 1,300 | 0.0% | 1,300 | 0.0% |
| SERVICES PRODUCING | 36,500 | 36,450 | 0.1% | 35,500 | 2.8% |
| TRANS, COMM. & UTIL. | 3,100 | 3,150 | -1.6% | 2,850 | 8.8% |
| Transportation | 1,300 | 1,300 | 0.0% | 1,150 | 13.0% |
| Communications & Utilities | 1,800 | 1,850 | -2.7% | 1,700 | 5.9% |
| WHOLESALE TRADE | 2,300 | 2,300 | 0.0% | 2,300 | 0.0% |
| RETAIL TRADE | 8,000 | 8,050 | -0.6% | 7,950 | 0.6% |
| General Merchandise & Apparel | 1,700 | 1,650 | 3.0% | 1,700 | 0.0% |
| Food Stores | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| Auto Dealers & Svc. Stations | 1,050 | 1,050 | 0.0% | 1,150 | -8.7% |
| Eating & Drinking Places | 2,600 | 2,700 | -3.7% | 2,500 | 4.0% |
| Other Retail | 1,600 | 1,600 | 0.0% | 1,550 | 3.2% |
| FINANCE, INS. & R E | 1,500 | 1,500 | 0.0% | 1,550 | -3.2% |
| SERVICES | 12,500 | 12,400 | 0.8% | 11,950 | 4.6% |
| Lodging | 900 | 900 | 0.0% | 900 | 0.0% |
| Personal & Business | 1,450 | 1,500 | -3.3% | 1,350 | 7.4% |
| Health Services | 5,200 | 5,100 | 2.0% | 4,800 | 8.3% |
| Educational Services | 750 | 750 | 0.0% | 850 | -11.8% |
| Social Services | 1,200 | 1,200 | 0.0% | 1,100 | 9.1% |
| Membership Services | 1,150 | 1,150 | 0.0% | 1,250 | -8.0% |
| Other Services | 1,850 | 1,800 | 2.8% | 1,700 | 8.8% |
| GOVERNMENT | 9,100 | 9,050 | 0.6% | 8,900 | 2.2% |
| Federal | 1,200 | 1,200 | 0.0% | 1,150 | 4.3% |
| State | 4,100 | 4,100 | 0.0% | 4,000 | 2.5% |
| State Schools | 300 | 300 | 0.0% | 300 | 0.0% |
| Other State | 3,800 | 3,800 | 0.0% | 3,700 | 2.7% |
| Local | 3,800 | 3,750 | 1.3% | 3,750 | 1.3% |
| Local Schools | 2,200 | 2,100 | 4.8% | 2,100 | 4.8% |
| Other Local | 1,600 | 1,650 | -3.0% | 1,650 | -3.0% |

# LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | OCT 1990 | SEP 1990 | SEP 1990 | OCT 1989 | OCT 1989 |
| **UNITED STATES** | | | | | |
| (In Thousands) | | | | | |
| Labor Force | 126,354 | 126,568 | -0.2% | 125,857 | 0.4% |
| Employment | 119,281 | 119,499 | -0.2% | 119,294 | 0.0% |
| Unemployment | 7,073 | 7,069 | 0.1% | 6,563 | 7.8% |
| Unemployment Rate | 5.6% | 5.6% | xxx | 5.2% | xxx |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 326,000 | 325,660 | 0.1% | 328,930 | -0.9% |
| Employment | 314,680 | 314,800 | 0.0% | 316,550 | -0.6% |
| Unemployment | 11,320 | 10,860 | 4.2% | 12,380 | -8.6% |
| Unemployment Rate | 3.5% | 3.3% | xxx | 3.8% | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 89,630 | 87,870 | 2.0% | 88,300 | 1.5% |
| Employment | 87,750 | 85,810 | 2.3% | 86,460 | 1.5% |
| Unemployment | 1,880 | 2,060 | -8.7% | 1,840 | 2.2% |
| Unemployment Rate | 2.1% | 2.3% | xxx | 2.1% | xxx |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 36,610 | 35,550 | 3.0% | 36,570 | 0.1% |
| Employment | 35,540 | 34,290 | 3.6% | 35,330 | 0.6% |
| Unemployment | 1,070 | 1,260 | -15.1% | 1,240 | -13.7% |
| Unemployment Rate | 2.9% | 3.5% | xxx | 3.4% | xxx |
| **BISMARCK MSA** | | | | | |
| Labor Force | 47,220 | 47,670 | -0.9% | 46,600 | 1.3% |
| Employment | 45,580 | 46,170 | -1.3% | 44,850 | 1.6% |
| Unemployment | 1,640 | 1,500 | 9.3% | 1,750 | -6.3% |
| Unemployment Rate | 3.5% | 3.1% | xxx | 3.8% | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
SEP 1990

| | NORTH DAKOTA | MINNESOTA | SOUTH DAKOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 325.7 | 2,428.3 | 363.6 | 392.5 |
| Employment | 314.8 | 2,317.8 | 351.3 | 370.6 |
| Unemployment | 10.9 | 110.5 | 12.3 | 21.9 |
| Unemployment Rate | 3.3% | 4.5% | 3.4% | 5.6% |

## UNITED STATES

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | OCT 1990 | SEP 1990 | OCT 1989 | OCT 1990 | SEP 1990 | OCT 1989 | OCT 1990 | SEP 1990 | OCT 1989 |
| MANUFACTURING | 449.36 | 451.82 | 430.27 | 41.0 | 41.3 | 40.9 | 10.96 | 10.94 | 10.52 |
| Durable Goods | 477.25 | 480.28 | 457.88 | 41.5 | 41.8 | 41.4 | 11.50 | 11.49 | 11.06 |
| Nondurable Goods | 412.27 | 414.12 | 394.94 | 40.3 | 40.6 | 40.3 | 10.23 | 10.20 | 9.80 |

## NORTH DAKOTA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | OCT 1990 | SEP 1990 | OCT 1989 | OCT 1990 | SEP 1990 | OCT 1989 | OCT 1990 | SEP 1990 | OCT 1989 |
| MANUFACTURING | 356.94 | 356.00 | 367.92 | 40.7 | 39.6 | 42.0 | 8.77 | 8.99 | 8.76 |
| Durable Goods | 381.61 | 381.51 | 389.79 | 41.3 | 41.2 | 42.6 | 9.24 | 9.26 | 9.15 |
| Nondurable Goods | 331.20 | 326.11 | 346.52 | 40.0 | 37.7 | 41.4 | 8.28 | 8.65 | 8.37 |
| Food & Kindred | 336.80 | 327.08 | 366.97 | 42.1 | 38.8 | 45.7 | 8.00 | 8.43 | 8.03 |

## FARGO-MOORHEAD MSA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | OCT 1990 | SEP 1990 | OCT 1989 | OCT 1990 | SEP 1990 | OCT 1989 | OCT 1990 | SEP 1990 | OCT 1989 |
| MANUFACTURING | 357.83 | 343.27 | 374.92 | 41.9 | 38.7 | 41.2 | 8.54 | 8.87 | 9.10 |
| Durable Goods | 357.28 | 352.80 | 377.24 | 40.6 | 40.0 | 41.5 | 8.80 | 8.82 | 9.09 |
| Nondurable Goods | 357.76 | 334.50 | 373.01 | 43.0 | 37.5 | 40.9 | 8.32 | 8.92 | 9.12 |

## U. S. CONSUMER PRICE INDEX

## ALL URBAN CONSUMERS

(1982-84=100)

| ITEM | ANNUAL AVERAGE 1989 | OCT 1990 | SEP 1990 | Percent Change From SEP 1990 | OCT 1989 | Percent Change From OCT 1989 |
|---|---|---|---|---|---|---|
| All Items | 124.0 | 133.5 | 132.7 | 0.6% | 125.6 | 6.3% |
| Food & Beverage | 124.9 | 133.4 | 133.0 | 0.3% | 126.3 | 5.6% |
| Housing | 123.0 | 130.6 | 130.5 | 0.1% | 124.4 | 5.0% |
| Apparel & Upkeep | 118.6 | 128.4 | 126.8 | 1.3% | 122.7 | 4.6% |
| Transportation | 114.1 | 125.8 | 123.0 | 2.3% | 114.5 | 9.9% |
| Medical Care | 149.3 | 167.1 | 165.8 | 0.8% | 152.7 | 9.4% |
| Entertainment | 126.5 | 134.3 | 134.1 | 0.1% | 128.4 | 4.6% |
| All Other | 147.7 | 163.2 | 162.6 | 0.4% | 151.8 | 7.5% |

## PRODUCER PRICE INDEX

## UNITED STATES AVERAGE

| ITEM | ANNUAL AVERAGE 1989 | OCT 1990 | SEP 1990 | Percent Change From SEP 1990 | OCT 1989 | Percent Change From OCT 1989 |
|---|---|---|---|---|---|---|
| All Commodities | 112.2 | 120.8 | 118.3 | 2.1% | 112.8 | 7.1% |
| Farm Products & Processed Foods and Feeds | 115.3 | 118.1 | 117.9 | 0.2% | 114.5 | 3.1% |
| Industrial Commodities | 111.6 | 121.3 | 118.3 | 2.5% | 112.4 | 7.9% |

## LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | OCT'90 | SEP'90 | OCT'89 | OCT'90 | SEP'90 | OCT'89 | OCT'90 | SEP'90 | OCT'89 | OCT'90 | SEP'90 | OCT'89 |
| Divide | 1,313 | 1,346 | 1,381 | 1,273 | 1,316 | 1,340 | 40 | 30 | 41 | 3.0% | 2.2% | 3.0% |
| McKenzie | 2,793 | 2,804 | 2,941 | [illegible] | 2,737 | 2,818 | 107 | 67 | 123 | 3.8% | 2.4% | 4.2% |
| Williams | 10,550 | 10,837 | 10,788 | 10,164 | 10,436 | 10,308 | 386 | 401 | 480 | 3.7% | 3.7% | 4.4% |
| REGION 1 | 14,656 | 14,987 | 15,110 | 14,123 | 14,489 | 14,466 | 533 | 498 | 644 | 3.6% | 3.3% | 4.3% |
| Bottineau | 3,249 | 3,331 | 3,390 | 3,150 | 3,225 | 3,230 | 99 | 106 | 160 | 3.0% | 3.2% | 4.7% |
| Burke | 1,211 | 1,216 | 1,306 | 1,146 | 1,167 | 1,241 | 65 | 49 | 65 | 5.4% | 4.0% | 5.0% |
| McHenry | 2,449 | 2,598 | 2,546 | 2,247 | 2,382 | 2,334 | 202 | 216 | 212 | 8.2% | 8.3% | 8.3% |
| Mountrail | 3,335 | 3,385 | 3,328 | 3,140 | 3,208 | 3,114 | 195 | 177 | 214 | 5.8% | 5.2% | 6.4% |
| Pierce | 2,429 | 2,463 | 2,481 | 2,374 | 2,406 | 2,420 | 55 | 57 | 61 | 2.3% | 2.3% | 2.5% |
| Renville | 1,196 | 1,222 | 1,255 | 1,165 | 1,194 | 1,195 | 31 | 28 | 60 | 2.6% | 2.3% | 4.8% |
| Ward | 24,994 | 24,701 | 25,256 | 23,997 | 23,765 | 24,160 | 997 | 936 | 1,096 | 4.0% | 3.8% | 4.3% |
| REGION 2 | 38,863 | 38,916 | 39,562 | 37,219 | 37,347 | 37,694 | 1,644 | 1,569 | 1,868 | 4.2% | 4.0% | 4.7% |
| Benson | 2,443 | 2,552 | 2,977 | 2,178 | 2,286 | 2,644 | 265 | 266 | 333 | 10.8% | 10.4% | 11.2% |
| Cavalier | 2,537 | 2,571 | 2,627 | 2,449 | 2,479 | 2,523 | 88 | 92 | 104 | 3.5% | 3.6% | 4.0% |
| Eddy | 1,384 | 1,413 | 1,428 | 1,315 | 1,336 | 1,348 | 69 | 77 | 80 | 5.0% | 5.4% | 5.6% |
| Ramsey | 6,636 | 6,677 | 6,473 | 6,462 | 6,486 | 6,272 | 174 | 191 | 201 | 2.6% | 2.9% | 3.1% |
| Rolette | 4,579 | 4,675 | 4,642 | 4,010 | 4,110 | 4,034 | 569 | 565 | 608 | 12.4% | 12.1% | 13.1% |
| Towner | 1,602 | 1,603 | 1,689 | 1,545 | 1,568 | 1,650 | 57 | 35 | 39 | 3.6% | 2.2% | 2.3% |
| REGION 3 | 19,181 | 19,491 | 19,836 | 17,959 | 18,265 | 18,471 | 1,222 | 1,226 | 1,365 | 6.4% | 6.3% | 6.9% |
| Grand Forks | 36,609 | 35,544 | 36,573 | 35,536 | 34,285 | 35,331 | 1,073 | 1,259 | 1,242 | 2.9% | 3.5% | 3.4% |
| Nelson | 1,816 | 1,862 | 1,884 | 1,761 | 1,813 | 1,821 | 55 | 49 | 63 | 3.0% | 2.6% | 3.3% |
| Pembina | 5,838 | 5,567 | 5,811 | 5,446 | 5,211 | 5,413 | 392 | 356 | 398 | 6.7% | 6.4% | 6.8% |
| Walsh | 7,662 | 7,873 | 7,921 | 7,322 | 7,570 | 7,575 | 340 | 303 | 346 | 4.4% | 3.8% | 4.4% |
| REGION 4 | 51,925 | 50,846 | 52,189 | 50,065 | 48,879 | 50,140 | 1,860 | 1,967 | 2,049 | 3.6% | 3.9% | 3.9% |
| Cass | 62,869 | 61,839 | 62,559 | 61,673 | 60,584 | 61,281 | 1,196 | 1,255 | 1,278 | 1.9% | 2.0% | 2.0% |
| Ransom | 2,532 | 2,623 | 2,647 | 2,488 | 2,562 | 2,584 | 44 | 61 | 63 | 1.7% | 2.3% | 2.4% |
| Richland | 8,563 | 8,559 | 8,661 | 8,355 | 8,331 | 8,408 | 208 | 228 | 253 | 2.4% | 2.7% | 2.9% |
| Sargent | 2,664 | 2,722 | 2,670 | 2,620 | 2,683 | 2,616 | 44 | 39 | 54 | 1.7% | 1.4% | 2.0% |
| Steele | 1,056 | 1,090 | 1,174 | 1,031 | 1,060 | 1,100 | 25 | 30 | 74 | 2.4% | 2.8% | 6.3% |
| Traill | 4,543 | 4,554 | 4,547 | 4,440 | 4,373 | 4,443 | 103 | 181 | 104 | 2.3% | 4.0% | 2.3% |
| REGION 5 | 82,227 | 81,387 | 82,258 | 80,607 | 79,593 | 80,432 | 1,620 | 1,794 | 1,826 | 2.0% | 2.2% | 2.2% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | OCT'90 | SEP'90 | OCT'89 | OCT'90 | SEP'90 | OCT'89 | OCT'90 | SEP'90 | OCT'89 | OCT'90 | SEP'90 | OCT'89 |
| Barnes | 5,814 | 5,829 | 5,778 | 5,678 | 5,693 | 5,665 | 136 | 136 | 113 | 2.3% | 2.3% | 2.0% |
| Dickey | 3,142 | 3,189 | 3,126 | 3,068 | 3,124 | 3,070 | 74 | 65 | 56 | 2.4% | 2.0% | 1.8% |
| Foster | 2,285 | 2,262 | 2,234 | 2,216 | 2,203 | 2,167 | 69 | 59 | 67 | 3.0% | 2.6% | 3.0% |
| Griggs | 1,511 | 1,526 | 1,637 | 1,488 | 1,489 | 1,561 | 23 | 37 | 76 | 1.5% | 2.4% | 4.6% |
| La Moure | 2,233 | 2,303 | 2,320 | 2,180 | 2,264 | 2,268 | 53 | 39 | 52 | 2.4% | 1.7% | 2.2% |
| Logan | 1,464 | 1,457 | 1,481 | 1,407 | 1,427 | 1,464 | 57 | 30 | 17 | 3.9% | 2.1% | 1.1% |
| McIntosh | 2,174 | 2,176 | 2,240 | 2,149 | 2,158 | 2,205 | 25 | 18 | 35 | 1.1% | 0.8% | 1.6% |
| Stutsman | 11,812 | 11,646 | 11,663 | 11,275 | 11,376 | 11,380 | 537 | 270 | 283 | 4.5% | 2.3% | 2.4% |
| Wells | 2,667 | 2,709 | 2,806 | 2,533 | 2,573 | 2,655 | 134 | 136 | 151 | 5.0% | 5.0% | 5.4% |
| REGION 6 | 33,102 | 33,097 | 33,285 | 31,994 | 32,307 | 32,435 | 1,108 | 790 | 850 | 3.3% | 2.4% | 2.6% |
| Burleigh | 34,650 | 34,899 | 34,124 | 33,448 | 33,878 | 32,909 | 1,202 | 1,021 | 1,215 | 3.5% | 2.9% | 3.6% |
| Emmons | 2,121 | 2,124 | 2,232 | 2,058 | 2,079 | 2,154 | 63 | 45 | 78 | 3.0% | 2.1% | 3.5% |
| Grant | 1,794 | 1,827 | 1,928 | 1,742 | 1,782 | 1,833 | 52 | 45 | 95 | 2.9% | 2.5% | 4.9% |
| Kidder | 1,500 | 1,487 | 1,550 | 1,406 | 1,422 | 1,468 | 94 | 65 | 82 | 6.3% | 4.4% | 5.3% |
| McLean | 4,339 | 4,501 | 4,348 | 4,154 | 4,334 | 4,156 | 185 | 167 | 192 | 4.3% | 3.7% | 4.4% |
| Mercer | 5,463 | 5,530 | 5,575 | 5,236 | 5,302 | 5,263 | 227 | 228 | 312 | 4.2% | 4.1% | 5.6% |
| Morton | 12,570 | 12,764 | 12,473 | 12,132 | 12,288 | 11,937 | 438 | 476 | 536 | 3.5% | 3.7% | 4.3% |
| Oliver | 955 | 1,000 | 1,020 | 921 | 957 | 974 | 34 | 43 | 46 | 3.6% | 4.3% | 4.5% |
| Sheridan | 1,213 | 1,228 | 1,216 | 1,165 | 1,177 | 1,179 | 48 | 51 | 37 | 4.0% | 4.2% | 3.0% |
| Sioux | 1,159 | 1,115 | 1,213 | 1,006 | 977 | 1,008 | 153 | 138 | 205 | 13.2% | 12.4% | 16.9% |
| REGION 7 | 65,764 | 66,475 | 65,679 | 63,268 | 64,196 | 62,881 | 2,496 | 2,279 | 2,798 | 3.8% | 3.4% | 4.3% |
| Adams | 1,673 | 1,704 | 1,675 | 1,629 | 1,667 | 1,640 | 44 | 37 | 35 | 2.6% | 2.2% | 2.1% |
| Billings | 861 | 851 | 915 | 848 | 837 | 891 | 13 | 14 | 24 | 1.5% | 1.6% | 2.6% |
| Bowman | 2,075 | 2,101 | 2,137 | 2,027 | 2,056 | 2,072 | 48 | 45 | 65 | 2.3% | 2.1% | 3.0% |
| Dunn | 1,788 | 1,808 | 1,799 | 1,729 | 1,731 | 1,693 | 59 | 77 | 106 | 3.3% | 4.3% | 5.9% |
| Gldn Valley | 1,036 | 1,075 | 1,041 | 1,000 | 1,053 | 1,021 | 36 | 22 | 20 | 3.5% | 2.0% | 1.9% |
| Hettinger | 1,713 | 1,770 | 1,804 | 1,667 | 1,715 | 1,758 | 46 | 55 | 46 | 2.7% | 3.1% | 2.5% |
| Slope | 463 | 472 | 480 | 425 | 429 | 454 | 38 | 43 | 26 | 8.2% | 9.1% | 5.4% |
| Stark | 10,676 | 10,673 | 11,158 | 10,124 | 10,230 | 10,505 | 552 | 443 | 653 | 5.2% | 4.2% | 5.9% |
| REGION 8 | 20,285 | 20,454 | 21,009 | 19,449 | 19,718 | 20,034 | 836 | 736 | 975 | 4.1% | 3.6% | 4.6% |
| **STATE TOTALS** | 326,003 | 325,657 | 328,930 | 314,683 | 314,797 | 316,554 | 11,320 | 10,860 | 12,376 | 3.5% | 3.3% | 3.8% |

# DEFINITIONS

**EMPLOYED:** A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE:** The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX:** A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

# JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
**216 Second Street**
**Phone: 224-2880**

**BEULAH**
**119 East Main**
**Phone: 873-5607**

**DEVILS LAKE**
**301 South College Drive**
**Phone: 662- 2181**

**DICKINSON**
**66 Osborn Drive**
**Phone: 227-2361**

**FARGO**
**1350 32nd Street South**
**Phone: 237-7113**

**NDSU-FARGO**
**Job Information and**
**Placement Center**
**211 Ceres Hall**
**Phone: 237-7111**

**FORT TOTTEN**
**Tribal Building**
**Phone: 766-4221, Ext. 45**

**FORT YATES**
**Job Service Building**
**Phone: 854-7463**

**GRAFTON**
**927 12th St. West**
**Phone: 352-2202**

**GRAND FORKS**
**2016 South Washington**
**Phone: 777-3711**

**UND-GRAND FORKS**
**McCannel Hall- Room 141**
**Phone: 777-3904**

**HARVEY**
**119 9th St. West**
**Phone: 324-4552**

**HETTINGER**
**606 2nd Avenue North**
**Phone: 567-2156**

**JAMESTOWN**
**429 2nd Street Southwest**
**Phone: 251-2256**

**MANDAN**
**501 1st Street Northwest**
**Phone: 663-6461**

**MINOT**
**3416 North Broadway**
**Phone: 857-7650**

**NEW TOWN**
**Tribal Administration Building**
**Phone: 627-4390**

**OAKES**
**517 Main Ave.**
**PHONE: 742-2546**

**ROLLA**
**103 East Main**
**Phone: 477-5831**

**VALLEY CITY**
**2425 West Main**
**Phone: 845-7261**

**WAHPETON**
**524 2nd Avenue North**
**Phone: 671-2711**

**WILLISTON**
**422 1st Avenue West**
**Phone: 774-4370**

S6140-4

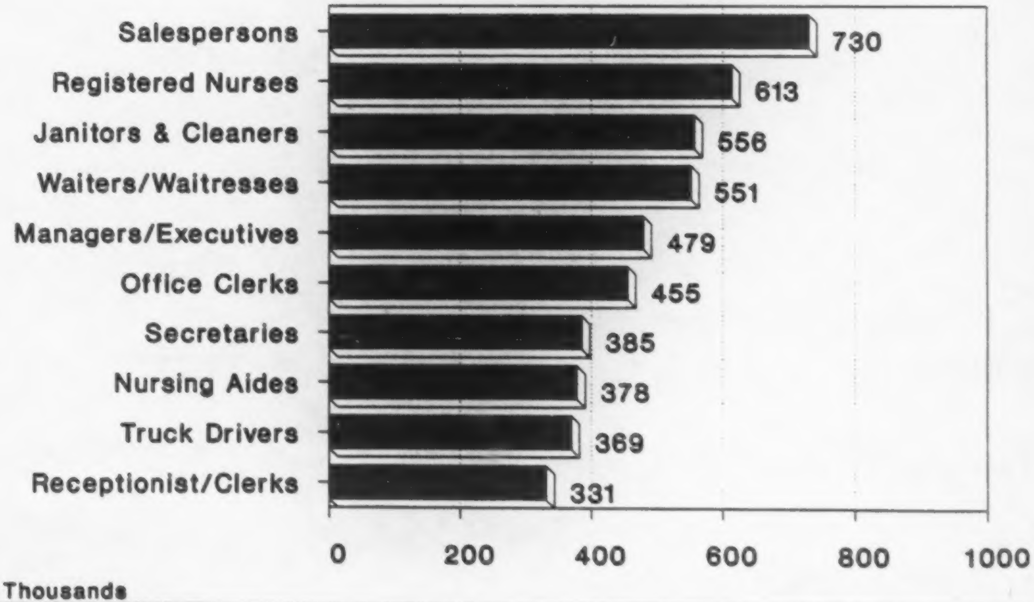
November, 1990

Volume 6, Number 11

JOB SERVICE North Dakota

# The North Dakota Labor Market Advisor

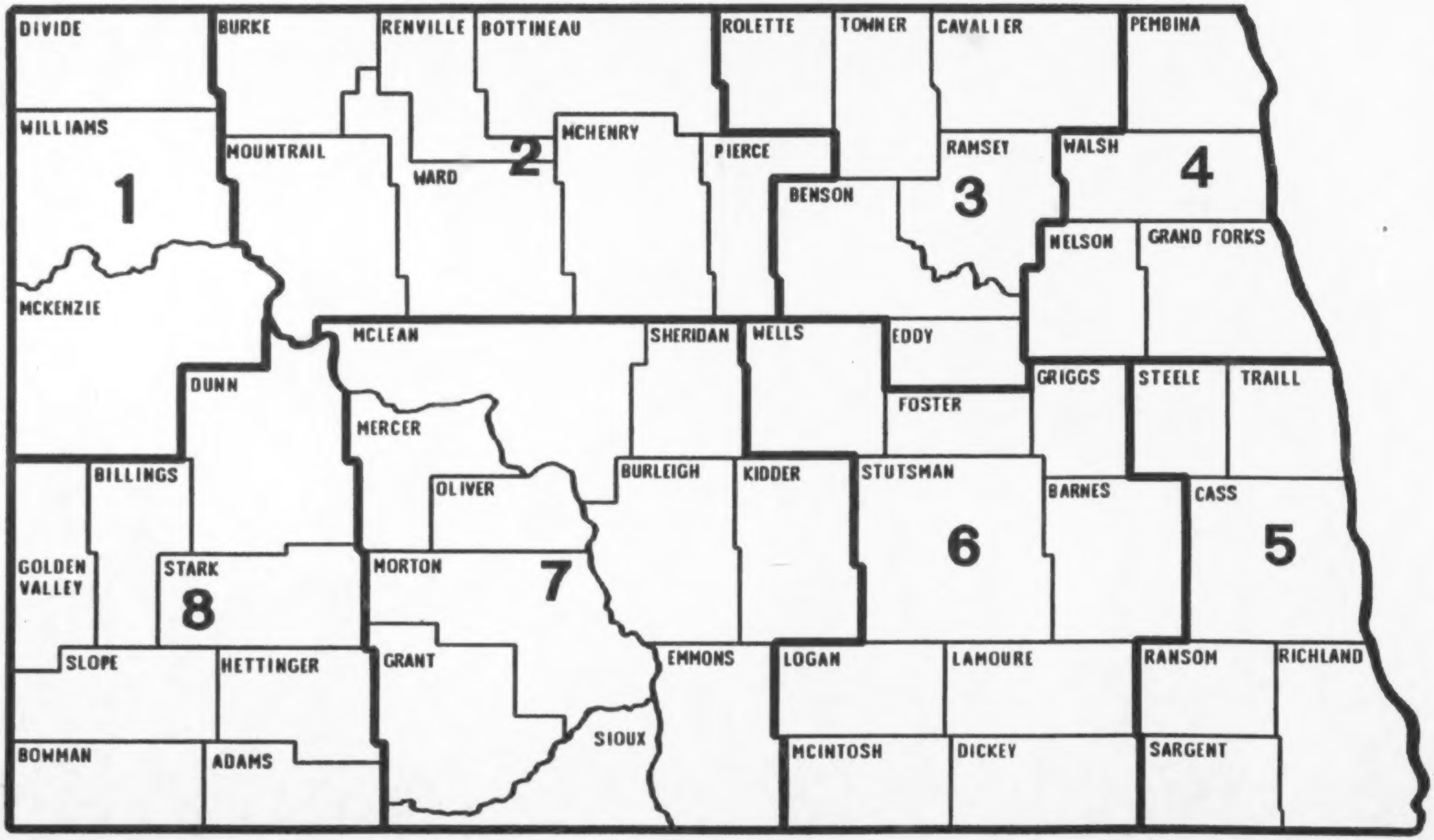
## NATIONAL EMPLOYMENT INCREASE BY OCCUPATION 1988 - 2000



In Thousands

# NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
2
MCHENRY
PIERCE
RAMSEY
WALSH
4
WARD
1
BENSON
3
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
DUNN
GRIGGS
STEELE
TRAILL
FOSTER
MERCER
BILLINGS
BURLEIGH
KIDDER
STUTSMAN
OLIVER
BARNES
CASS
6
5
GOLDEN VALLEY
STARK
8
MORTON
7
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

# THE
# NORTH DAKOTA
# LABOR MARKET ADVISOR

November, 1990

**GEORGE A. SINNER, GOVERNOR**
**STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

**Micheal V. Deisz**
**Executive Director**

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

# WORKFORCE TRENDS - AN ASSESSMENT OF THE FUTURE

*How can a state or the nation prepare for the employment needs of the future? What's the first step? Quite simply, it's planning.*

The Interstate Conference of Employment Security Agencies (ICESA) is an organization comprised of the directors of the agencies from all states. Mike Deisz, Executive Director of Job Service North Dakota, is currently serving as president. Tom Pederson, Chief of Research and Statistics, serves on the ICESA Labor Market Information Committee. The Employment Security Agencies are involved with the various facets of the labor force on a daily basis. Logically, anticipating and planning for changes in supply and demand in the labor force falls within the area of their primary responsibilities.

The agencies gather and produce core labor market data on a continuing basis through standardized programs. However, these programs may miss specific problems or needs in individual states.

To determine if this was true, the Labor Market Information Committee surveyed all states in March 1990. Forty-six completed and returned the survey form. The results of the survey were published in a booklet entitled, Workforce Trends, An Assessment of the Future.

The report indicates the workforce will grow more slowly in the next ten years than it has since the 1930's. There will be fewer young workers entering the labor market, and as a result, the average age of the workforce will increase from 36 today to 39 by the year 2000. The advantage of an older workforce is that the mature worker brings experience and reliability to the job. On the negative side, older workers are not as adaptable. As an example, they are less likely to undertake training, and are reluctant to relocate.

More women will be entering the workforce and will account for almost two-thirds of the new entrants. The report projects that by the year 2000, 61% of all women of working age will be in the workforce. The growth in the number of women employed will have a major effect on the economy. The demand for convenience and instant products, together with delivery services, will increase. There will be a greater need for time off for pregnancy and child rearing as well as an increasing necessity of affordable and convenient day care.

Minorities entering the workforce are expected to account for 29% of the total by the year 2000. This is twice the current level. Immigrants will account for 600,000 new entrants with the concentration in the South and West.

The economy is expected to grow at a slower pace, only 1.2% per year compared to 2.3% for the years 1976 through 1988. However, 18 million new jobs are anticipated in the next 10 years. Major growth will occur in the services-producing sector. With an aging population, expansion in medical services is assured with seven out of ten of the fastest growing occupations occurring in the health related field. Business services, specifically employee leasing, will also show strong growth in the coming decade. Education services is projected to add 1.2 million jobs and retail trade 3.8 million.

Education continues to be a prime requisite for many jobs. The three major groups requiring the highest levels of education are projected to continue to grow at a more rapid pace than the average. These groups are: executive, administrative and managerial; professional and specialty; and technicians and related. Support occupations, such as clerical, are expected to grow at a slower pace. On the other hand, service occupations such as preparation and serving of food, health service, and cleaning and building service occupations are expected to account for three-fourths of the increase in service occupations.

The report emphasized a need for workers to be well-educated and trained in their field. "Any shortcoming in education and training required for a skilled workforce will limit our productivity growth and ability to compete in a global market." It touches on the need for post-secondary training in many occupations. A comparison of proficiency between U.S. students and those from other counties is labeled as "alarming."

Nearly 60% of the states responding to the survey indicated there was a shortage of qualified workers. While the national growth rate is expected to be 1.2%, in-migration in some states may cause the rate to double and avoid a shortage of youthful workers that may have occurred without in-migration.

The Rocky Mountain, North Central and Atlantic Coast regions include 19 states that are not currently experiencing a shortage of qualified workers. Most of the other states expect the supply of workers to be limited until the year 2000. In addition, some of the states in the Rocky Mountain and North Central regions expect shortages to occur by 2000 even though the current supply is sufficient. Shortages can occur for a number of reasons, including a slow population growth and a mismatch of skills.

Job opportunities occur due to growth or the need to replace workers. There is a common misconception that where there is no growth, there are few, if any, opportunities. It is a fact there are far more openings resulting from the need to replace workers than there is from growth. Even occupations that are not expected to grow will provide many opportunities for employment. Most states indicated that the greatest demand for workers parallels the national demand. The list is headed by salespersons, registered nurses, janitors and waiters/waitresses.

The best solution to a problem is to take steps to avoid one before it occurs. One of the major initiatives undertaken by states is to attack illiteracy through adult education and basic education. Basic skills training is provided through a number of programs, including the Job Training Partnership Act (JTPA) and the Economic Dislocation and Worker Adjustment Assistance Act (EDWAA). Training is provided in occupations for which there is a current or anticipated demand.

There are a number of obstacles facing a person entering the workforce even if the applicant has the basic training and jobs are available. One of the most common concerns, especially for a person receiving public assistance, is whether medical insurance is provided. Many simply cannot afford health insurance unless it is provided by the employer.

A second obstacle is the need for child care. In 1960, only 11% of the women with children under the age of six worked outside the home. Today, over half the women in this category have outside employment. Few employers provide day care, although some of the more progressive are becoming supportive of day care and consider it a necessity for a growing number of their workers.

Times continue to change, and the Employment Security Agencies observe and study the developments and attempt to anticipate needs. Programs and training can then be developed which will benefit both the employer and the employee.

If you are interested in receiving a copy of the publication, contact the Research and Statistics Section. The address is listed on the back cover of this publication.

**Dale R. Dehlin,**
**Research Analyst**

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | November 1990 | October 1990 | October 1990 | November 1989 | November 1989 |
| **TOTAL** | 270,350 | 270,450 | 0.0% | 265,200 | 1.9% |
| GOODS PRODUCING | 32,950 | 34,500 | -4.5% | 31,350 | 5.1% |
| MINING | 4,400 | 4,350 | 1.1% | 4,150 | 6.0% |
| Coal | 1,050 | 1,050 | 0.0% | 1,100 | -4.5% |
| Crude Petroleum & Nat. Gas | 3,000 | 2,900 | 3.4% | 2,700 | 11.1% |
| Other Mining | 350 | 400 | -12.5% | 350 | 0.0% |
| CONSTRUCTION | 10,300 | 11,600 | -11.2% | 10,200 | 1.0% |
| Building Construction | 2,600 | 2,700 | -3.7% | 2,800 | -7.1% |
| Street, Highway & Heavy | 2,500 | 3,400 | -26.5% | 2,200 | 13.6% |
| Special Trade Construction | 5,200 | 5,500 | -5.5% | 5,200 | 0.0% |
| MANUFACTURING | 18,250 | 18,550 | -1.6% | 17,000 | 7.4% |
| Durable Goods | 9,100 | 9,150 | -0.5% | 8,300 | 9.6% |
| Primary & Fab. Metals | 1,150 | 1,150 | 0.0% | 1,100 | 4.5% |
| Machinery & Trans. Equip | 5,550 | 5,550 | 0.0% | 5,000 | 11.0% |
| Machinery & Electric | 4,000 | 4,000 | 0.0% | 3,700 | 8.1% |
| Transportation Equipment | 1,550 | 1,550 | 0.0% | 1,300 | 19.2% |
| Other Durables | 2,400 | 2,450 | -2.0% | 2,200 | 9.1% |
| Lumber & Wood | 1,250 | 1,200 | 4.2% | 1,050 | 19.0% |
| Misc Durable | 1,150 | 1,250 | -8.0% | 1,150 | 0.0% |
| Nondurable Goods | 9,150 | 9,400 | -2.7% | 8,700 | 5.2% |
| Food & Kindred Products | 5,050 | 5,350 | -5.6% | 4,550 | 11.0% |
| Dairy Products | 650 | 650 | 0.0% | 650 | 0.0% |
| Bakery Products | 1,400 | 1,400 | 0.0% | 850 | 64.7% |
| Sugar & Confectionary | 1,000 | 1,450 | -31.0% | 1,000 | 0.0% |
| Other Foods | 2,000 | 1,850 | 8.1% | 2,050 | -2.4% |
| Printing & Publishing | 2,600 | 2,600 | 0.0% | 2,500 | 4.0% |
| Other Nondurable Goods | 1,500 | 1,450 | 3.4% | 1,650 | -9.1% |
| SERVICES PRODUCING | 237,400 | 235,950 | 0.6% | 233,850 | 1.5% |
| TRAN, COMM & UTILITIES | 17,500 | 17,500 | 0.0% | 17,250 | 1.4% |
| Transportation | 9,300 | 9,200 | 1.1% | 8,950 | 3.9% |
| Trucking & Warehousing | 5,200 | 5,200 | 0.0% | 5,100 | 2.0% |
| Other Transportation | 4,100 | 4,000 | 2.5% | 3,850 | 6.5% |
| Railroads | 1,950 | 1,900 | 2.6% | 1,900 | 2.6% |
| Local & Suburban Transport | 950 | 900 | 5.6% | 900 | 5.6% |
| Water, Air & Pipeline | 1,200 | 1,200 | 0.0% | 1,050 | 14.3% |
| Communications | 3,500 | 3,500 | 0.0% | 3,600 | -2.8% |
| Utilities | 4,700 | 4,800 | -2.1% | 4,700 | 0.0% |
| WHOLESALE TRADE | 19,300 | 19,300 | 0.0% | 19,700 | -2.0% |
| Durable Goods | 8,800 | 8,800 | 0.0% | 9,100 | -3.3% |
| Nondurable Goods | 10,500 | 10,500 | 0.0% | 10,600 | -0.9% |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | November 1990 | October 1990 | October 1990 | November 1989 | November 1989 |
| RETAIL TRADE | 51,850 | 50,550 | 2.6% | 51,050 | 1.6% |
| Hardware & Garden | 2,400 | 2,400 | 0.0% | 2,500 | -4.0% |
| General Merchandise | 7,700 | 6,600 | 16.7% | 7,100 | 8.5% |
| Food Stores | 7,200 | 7,100 | 1.4% | 7,300 | -1.4% |
| Auto & Service Stations | 6,800 | 6,900 | -1.4% | 6,700 | 1.5% |
| Apparel & Accessory | 2,700 | 2,600 | 3.8% | 2,800 | -3.6% |
| Furniture Stores | 1,650 | 1,650 | 0.0% | 1,650 | 0.0% |
| Eating & Drinking Places | 17,800 | 17,800 | 0.0% | 17,800 | 0.0% |
| Misc Retail | 5,600 | 5,500 | 1.8% | 5,200 | 7.7% |
| FINANCE,INS & REAL ESTATE | 12,400 | 12,350 | 0.4% | 12,200 | 1.6% |
| Finance | 6,550 | 6,550 | 0.0% | 6,550 | 0.0% |
| Banking | 5,600 | 5,600 | 0.0% | 5,600 | 0.0% |
| Other Finance | 950 | 950 | 0.0% | 950 | 0.0% |
| Insurance | 3,950 | 3,900 | 1.3% | 3,850 | 2.6% |
| Insurance Underwriters | 2,500 | 2,500 | 0.0% | 2,500 | 0.0% |
| Ins. Agents & Brokers | 1,450 | 1,400 | 3.6% | 1,350 | 7.4% |
| Real Estate | 1,900 | 1,900 | 0.0% | 1,800 | 5.6% |
| SERVICES | 69,950 | 70,150 | -0.3% | 66,550 | 5.1% |
| Lodging | 4,500 | 4,500 | 0.0% | 4,400 | 2.3% |
| Personal & Business | 8,500 | 8,500 | 0.0% | 8,200 | 3.7% |
| Personal Services | 3,200 | 3,100 | 3.2% | 3,200 | 0.0% |
| Business Services | 5,300 | 5,400 | -1.9% | 5,000 | 6.0% |
| Recreational Services | 2,200 | 2,500 | -12.0% | 2,100 | 4.8% |
| Health Services | 29,100 | 29,100 | 0.0% | 27,600 | 5.4% |
| Nursing & Hospital | 21,200 | 21,200 | 0.0% | 20,000 | 6.0% |
| Other Health | 7,900 | 7,900 | 0.0% | 7,600 | 3.9% |
| Membership Organizations | 8,200 | 8,200 | 0.0% | 8,200 | 0.0% |
| Educational Services | 3,200 | 3,100 | 3.2% | 3,100 | 3.2% |
| Social Services | 6,800 | 6,700 | 1.5% | 5,800 | 17.2% |
| Other Services | 7,450 | 7,550 | -1.3% | 7,150 | 4.2% |
| Auto & Misc Repair | 2,300 | 2,300 | 0.0% | 2,100 | 9.5% |
| Legal Services | 1,450 | 1,450 | 0.0% | 1,450 | 0.0% |
| Misc Services | 3,700 | 3,800 | -2.6% | 3,600 | 2.8% |
| GOVERNMENT | 66,400 | 66,100 | 0.5% | 67,100 | -1.0% |
| Federal | 10,100 | 10,100 | 0.0% | 10,200 | -1.0% |
| State & Local | 56,300 | 56,000 | 0.5% | 56,900 | -1.1% |
| State Government | 20,300 | 20,200 | 0.5% | 20,800 | -2.4% |
| Educational Services | 13,400 | 13,200 | 1.5% | 13,700 | -2.2% |
| Other State Government | 6,900 | 7,000 | -1.4% | 7,100 | -2.8% |
| Local Government | 36,000 | 35,800 | 0.6% | 36,100 | -0.3% |
| Educational Services | 18,400 | 18,200 | 1.1% | 18,400 | 0.0% |
| Other Local Government | 17,600 | 17,600 | 0.0% | 17,700 | -0.6% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH November 1990 | PREVIOUS MONTH October 1990 | % CHANGE FROM October 1990 | ONE YEAR AGO November 1989 | % CHANGE FROM November 1989 |
|---|---|---|---|---|---|
| **FARGO-MOORHEAD MSA** | | | | | |
| **TOTAL** | 80,150 | 80,150 | 0.0% | 78,250 | 2.4% |
| GOODS PRODUCING | 10,350 | 10,650 | -2.8% | 9,550 | 8.4% |
| MINING & CONSTRUCTION | 4,300 | 4,600 | -6.5% | 4,050 | 6.2% |
| Special Trades | 2,200 | 2,300 | -4.3% | 2,100 | 4.8% |
| Other Construction & Mining | 2,100 | 2,300 | -8.7% | 1,950 | 7.7% |
| MANUFACTURING | 6,050 | 6,050 | 0.0% | 5,500 | 10.0% |
| Durable Goods | 2,800 | 2,800 | 0.0% | 2,650 | 5.7% |
| Fabricated Metal & Machinery | 1,500 | 1,500 | 0.0% | 1,450 | 3.4% |
| Other Durable Goods | 1,300 | 1,300 | 0.0% | 1,200 | 8.3% |
| Nondurable Goods | 3,250 | 3,250 | 0.0% | 2,850 | 14.0% |
| Food & Kindred | 2,200 | 2,200 | 0.0% | 1,850 | 18.9% |
| Other Nondurables | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| SERVICES PRODUCING | 69,800 | 69,500 | 0.4% | 68,700 | 1.6% |
| TRANS, COMM & UTIL | 4,850 | 4,850 | 0.0% | 4,850 | 0.0% |
| Trucking & Warehousing | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| Other Transportation | 2,200 | 2,200 | 0.0% | 2,200 | 0.0% |
| Communications & Utilities | 1,600 | 1,600 | 0.0% | 1,650 | -3.0% |
| WHOLESALE TRADE | 6,700 | 6,700 | 0.0% | 6,800 | -1.5% |
| Durable | 3,900 | 3,900 | 0.0% | 3,800 | 2.6% |
| Nondurable | 2,800 | 2,800 | 0.0% | 3,000 | -6.7% |
| RETAIL TRADE | 15,750 | 15,300 | 2.9% | 15,500 | 1.6% |
| General Merchandise & Apparel | 3,500 | 3,100 | 12.9% | 3,200 | 9.4% |
| Food Stores | 1,800 | 1,850 | -2.7% | 2,000 | -10.0% |
| Auto Dealers & Svc. Stations | 1,950 | 1,950 | 0.0% | 1,700 | 14.7% |
| Eating & Drinking Places | 5,700 | 5,700 | 0.0% | 5,800 | -1.7% |
| Other Retail | 2,800 | 2,700 | 3.7% | 2,800 | 0.0% |
| FINANCE, INS & R E | 4,600 | 4,600 | 0.0% | 4,550 | 1.1% |
| Finance | 2,100 | 2,100 | 0.0% | 2,100 | 0.0% |
| Insurance Carriers | 1,450 | 1,450 | 0.0% | 1,450 | 0.0% |
| Other Fin, Ins. & R.Estate | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| SERVICES | 22,650 | 22,700 | -0.2% | 21,750 | 4.1% |
| Lodging | 1,400 | 1,400 | 0.0% | 1,350 | 3.7% |
| Personal & Business | 3,700 | 3,800 | -2.6% | 3,600 | 2.8% |
| Recreation & Amusement | 800 | 850 | -5.9% | 850 | -5.9% |
| Health Services | 8,300 | 8,300 | 0.0% | 7,900 | 5.1% |
| Educational Services | 2,300 | 2,200 | 4.5% | 2,300 | 0.0% |
| Social Services | 1,850 | 1,850 | 0.0% | 1,650 | 12.1% |
| Membership Services | 1,500 | 1,500 | 0.0% | 1,500 | 0.0% |
| Other Services | 2,800 | 2,800 | 0.0% | 2,600 | 7.7% |
| GOVERNMENT | 15,250 | 15,350 | -0.7% | 15,250 | 0.0% |
| Federal | 2,300 | 2,300 | 0.0% | 2,300 | 0.0% |
| State | 6,350 | 6,350 | 0.0% | 6,450 | -1.6% |
| State School | 5,800 | 5,800 | 0.0% | 5,900 | -1.7% |
| Other State | 550 | 550 | 0.0% | 550 | 0.0% |
| Local | 6,600 | 6,700 | -1.5% | 6,500 | 1.5% |
| Local School | 4,200 | 4,200 | 0.0% | 4,000 | 5.0% |
| Other Local | 2,400 | 2,500 | -4.0% | 2,500 | -4.0% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | November 1990 | October 1990 | October 1990 | November 1989 | November 1989 |
| **GRAND FORKS MSA** | | | | | |
| **TOTAL** | 33,100 | 33,000 | 0.3% | 32,400 | 2.2% |
| GOODS PRODUCING | 2,950 | 3,000 | -1.7% | 3,000 | -1.7% |
| MINING & CONSTRUCTION | 1,300 | 1,450 | -10.3% | 1,500 | -13.3% |
| MANUFACTURING | 1,650 | 1,550 | 6.5% | 1,500 | 10.0% |
| Durable Goods | 600 | 500 | 20.0% | 500 | 20.0% |
| Nondurable Goods | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| SERVICES PRODUCING | 30,150 | 30,000 | 0.5% | 29,400 | 2.6% |
| TRANS, COMM. & UTIL. | 1,700 | 1,700 | 0.0% | 1,700 | 0.0% |
| Transportation | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| Communications & Utilities | 650 | 650 | 0.0% | 650 | 0.0% |
| WHOLESALE TRADE | 1,650 | 1,700 | -2.9% | 1,600 | 3.1% |
| RETAIL TRADE | 8,200 | 8,100 | 1.2% | 7,800 | 5.1% |
| General Merchandise & Apparel | 2,100 | 2,000 | 5.0% | 2,000 | 5.0% |
| Eating & Drinking Places | 3,000 | 3,000 | 0.0% | 2,800 | 7.1% |
| Other Retail | 3,100 | 3,100 | 0.0% | 3,000 | 3.3% |
| FINANCE, INS. & R E | 1,150 | 1,200 | -4.2% | 1,150 | 0.0% |
| SERVICES | 7,300 | 7,250 | 0.7% | 7,150 | 2.1% |
| Personal & Business | 1,000 | 950 | 5.3% | 950 | 5.3% |
| Health | 2,800 | 2,800 | 0.0% | 2,800 | 0.0% |
| Other Services | 3,500 | 3,500 | 0.0% | 3,400 | 2.9% |
| GOVERNMENT | 10,150 | 10,050 | 1.0% | 10,000 | 1.5% |
| Federal | 1,550 | 1,500 | 3.3% | 1,550 | 0.0% |
| State | 5,950 | 5,900 | 0.8% | 5,950 | 0.0% |
| State School | 5,500 | 5,400 | 1.9% | 5,500 | 0.0% |
| Other State | 450 | 500 | -10.0% | 450 | 0.0% |
| Local | 2,650 | 2,650 | 0.0% | 2,500 | 6.0% |
| Local School | 1,400 | 1,400 | 0.0% | 1,400 | 0.0% |
| Other Local | 1,250 | 1,250 | 0.0% | 1,100 | 13.6% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
|  | November 1990 | October 1990 | October 1990 | November 1989 | November 1989 |
| **BISMARCK MSA** |  |  |  |  |  |
| **TOTAL** | 40,650 | 40,850 | -0.5% | 39,450 | 3.0% |
| GOODS PRODUCING | 4,400 | 4,450 | -1.1% | 3,900 | 12.8% |
| MINING & CONSTRUCTION | 2,100 | 2,200 | -4.5% | 1,700 | 23.5% |
| MANUFACTURING | 2,300 | 2,250 | 2.2% | 2,200 | 4.5% |
| Durable Goods | 950 | 950 | 0.0% | 950 | 0.0% |
| Nondurable Goods | 1,350 | 1,300 | 3.8% | 1,250 | 8.0% |
| SERVICES PRODUCING | 36,250 | 36,400 | -0.4% | 35,550 | 2.0% |
| TRANS, COMM. & UTIL. | 3,000 | 3,050 | -1.6% | 2,850 | 5.3% |
| Transportation | 1,250 | 1,250 | 0.0% | 1,150 | 8.7% |
| Communications & Utilities | 1,750 | 1,800 | -2.8% | 1,700 | 2.9% |
| WHOLESALE TRADE | 2,300 | 2,300 | 0.0% | 2,200 | 4.5% |
| RETAIL TRADE | 8,150 | 7,950 | 2.5% | 8,050 | 1.2% |
| General Merchandise & Apparel | 1,800 | 1,650 | 9.1% | 1,800 | 0.0% |
| Food Stores | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| Auto Dealers & Svc. Stations | 1,050 | 1,050 | 0.0% | 1,150 | -8.7% |
| Eating & Drinking Places | 2,600 | 2,600 | 0.0% | 2,500 | 4.0% |
| Other Retail | 1,650 | 1,600 | 3.1% | 1,550 | 6.5% |
| FINANCE, INS. & R E | 1,500 | 1,500 | 0.0% | 1,550 | -3.2% |
| SERVICES | 12,400 | 12,550 | -1.2% | 11,900 | 4.2% |
| Lodging | 900 | 950 | -5.3% | 900 | 0.0% |
| Personal & Business | 1,450 | 1,450 | 0.0% | 1,400 | 3.6% |
| Health Services | 5,200 | 5,200 | 0.0% | 4,800 | 8.3% |
| Educational Services | 750 | 750 | 0.0% | 850 | -11.8% |
| Social Services | 1,150 | 1,200 | -4.2% | 1,100 | 4.5% |
| Membership Services | 1,200 | 1,200 | 0.0% | 1,200 | 0.0% |
| Other Services | 1,750 | 1,800 | -2.8% | 1,650 | 6.1% |
| GOVERNMENT | 8,900 | 9,050 | -1.7% | 9,000 | -1.1% |
| Federal | 1,150 | 1,200 | -4.2% | 1,200 | -4.2% |
| State | 4,000 | 4,100 | -2.4% | 4,050 | -1.2% |
| State Schools | 300 | 300 | 0.0% | 350 | -14.3% |
| Other State | 3,700 | 3,800 | -2.6% | 3,700 | 0.0% |
| Local | 3,750 | 3,750 | 0.0% | 3,750 | 0.0% |
| Local Schools | 2,200 | 2,200 | 0.0% | 2,100 | 4.8% |
| Other Local | 1,550 | 1,550 | 0.0% | 1,650 | -6.1% |

## LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | NOV 1990 | OCT 1990 | OCT 1990 | NOV 1989 | NOV 1989 |
| **UNITED STATES** | | | | | |
| (In Thousands) | | | | | |
| Labor Force | 126,231 | 126,354 | -0.1% | 126,192 | 0.0% |
| Employment | 118,876 | 119,281 | -0.3% | 119,540 | -0.6% |
| Unemployment | 7,355 | 7,073 | 4.0% | 6,652 | 10.6% |
| Unemployment Rate | 5.8% | 5.6% | xxx | 5.3% | xxx |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 319,740 | 325,870 | -1.9% | 324,660 | -1.5% |
| Employment | 309,620 | 314,550 | -1.6% | 311,080 | -0.5% |
| Unemployment | 10,120 | 11,320 | -10.6% | 13,580 | -25.5% |
| Unemployment Rate | 3.2% | 3.5% | xxx | 4.2% | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 90,090 | 89,920 | 0.2% | 89,090 | 1.1% |
| Employment | 88,110 | 88,040 | 0.1% | 87,070 | 1.2% |
| Unemployment | 1,980 | 1,880 | 5.3% | 2,020 | -2.0% |
| Unemployment Rate | 2.2% | 2.1% | xxx | 2.3% | xxx |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 36,370 | 36,500 | -0.4% | 36,980 | -1.6% |
| Employment | 35,430 | 35,430 | 0.0% | 35,680 | -0.7% |
| Unemployment | 940 | 1,070 | -12.1% | 1,300 | -27.7% |
| Unemployment Rate | 2.6% | 2.9% | xxx | 3.5% | xxx |
| **BISMARCK MSA** | | | | | |
| Labor Force | 46,850 | 47,260 | -0.9% | 47,070 | -0.5% |
| Employment | 45,430 | 45,620 | -0.4% | 45,050 | 0.8% |
| Unemployment | 1,420 | 1,640 | -13.4% | 2,020 | -29.7% |
| Unemployment Rate | 3.0% | 3.5% | xxx | 4.3% | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

4

## BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
OCT 1990

| | NORTH DAKOTA | MINNESOTA | SOUTH DAKOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 325.9 | 2,462.1 | 361.4 | 392.7 |
| Employment | 314.6 | 2,357.8 | 348.5 | 368.6 |
| Unemployment | 11.3 | 104.3 | 12.9 | 24.1 |
| Unemployment Rate | 3.5% | 4.2% | 3.6% | 6.1% |

## UNITED STATES

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | NOV 1990 | OCT 1990 | NOV 1989 | NOV 1990 | OCT 1990 | NOV 1989 | NOV 1990 | OCT 1990 | NOV 1989 |
| MANUFACTURING | 447.58 | 447.86 | 434.84 | 40.8 | 40.9 | 41.1 | 10.97 | 10.95 | 10.58 |
| Durable Goods | 472.88 | 475.69 | 460.65 | 41.3 | 41.4 | 41.5 | 11.45 | 11.49 | 11.10 |
| Nondurable Goods | 414.86 | 410.84 | 398.34 | 40.2 | 40.2 | 40.4 | 10.32 | 10.22 | 9.86 |

## NORTH DAKOTA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | NOV 1990 | OCT 1990 | NOV 1989 | NOV 1990 | OCT 1990 | NOV 1989 | NOV 1990 | OCT 1990 | NOV 1989 |
| MANUFACTURING | 350.64 | 354.84 | 353.51 | 39.8 | 40.6 | 39.9 | 8.81 | 8.74 | 8.86 |
| Durable Goods | 374.33 | 381.39 | 379.80 | 41.0 | 41.5 | 42.2 | 9.13 | 9.19 | 9.00 |
| Nondurable Goods | 326.56 | 328.32 | 324.26 | 38.6 | 39.7 | 37.4 | 8.46 | 8.27 | 8.67 |
| Food & Kindred | 336.60 | 337.22 | 324.43 | 41.2 | 42.1 | 38.9 | 8.17 | 8.01 | 8.34 |

## FARGO-MOORHEAD MSA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | NOV 1990 | OCT 1990 | NOV 1989 | NOV 1990 | OCT 1990 | NOV 1989 | NOV 1990 | OCT 1990 | NOV 1989 |
| MANUFACTURING | 330.11 | 358.26 | 364.61 | 37.9 | 42.0 | 40.2 | 8.71 | 8.53 | 9.07 |
| Durable Goods | 339.60 | 358.57 | 344.54 | 38.2 | 40.7 | 38.8 | 8.89 | 8.81 | 8.88 |
| Nondurable Goods | 323.09 | 357.73 | 384.80 | 37.7 | 43.1 | 41.6 | 8.57 | 8.30 | 9.25 |

## U. S. CONSUMER PRICE INDEX

## ALL URBAN CONSUMERS

(1982-84=100)

| ITEM | ANNUAL AVERAGE 1989 | NOV 1990 | OCT 1990 | Percent Change From OCT 1990 | NOV 1989 | Percent Change From NOV 1989 |
|---|---|---|---|---|---|---|
| All Items | 124.0 | 133.8 | 133.5 | 0.2% | 125.9 | 6.3% |
| Food & Beverage | 124.9 | 133.7 | 133.4 | 0.2% | 126.7 | 5.5% |
| Housing | 123.0 | 130.4 | 130.6 | -0.2% | 124.5 | 4.7% |
| Apparel & Upkeep | 118.6 | 127.5 | 128.4 | -0.7% | 122.1 | 4.4% |
| Transportation | 114.1 | 126.9 | 125.8 | 0.9% | 115.0 | 10.3% |
| Medical Care | 149.3 | 168.4 | 167.1 | 0.8% | 153.9 | 9.4% |
| Entertainment | 126.5 | 134.4 | 134.3 | 0.1% | 128.6 | 4.5% |
| All Other | 147.7 | 163.6 | 163.2 | 0.2% | 151.9 | 7.7% |

## PRODUCER PRICE INDEX

## UNITED STATES AVERAGE

| ITEM | ANNUAL AVERAGE 1989 | NOV 1990 | OCT 1990 | Percent Change From OCT 1990 | NOV 1989 | Percent Change From NOV 1989 |
|---|---|---|---|---|---|---|
| All Commodities | 112.2 | 120.1 | 120.8 | -0.6% | 112.7 | 6.6% |
| Farm Products & Processed Foods and Feeds | 115.3 | 117.4 | 118.1 | -0.6% | 115.4 | 1.7% |
| Industrial Commodities | 111.6 | 120.6 | 121.3 | -0.6% | 112.2 | 7.5% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NOV'90 | OCT'90 | NOV'89 | NOV'90 | OCT'90 | NOV'89 | NOV'90 | OCT'90 | NOV'89 | NOV'90 | OCT'90 | NOV'89 |
| Divide | 1,239 | 1,310 | 1,270 | 1,203 | 1,270 | 1,232 | 36 | 40 | 38 | 2.9% | 3.1% | 3.0% |
| McKenzie | 2,577 | 2,790 | 2,708 | 2,527 | 2,683 | 2,619 | 50 | 107 | 89 | 1.9% | 3.8% | 3.3% |
| Williams | 10,295 | 10,537 | 10,599 | 10,000 | 10,152 | 10,185 | 295 | 385 | 414 | 2.9% | 3.7% | 3.9% |
| REGION 1 | 14,111 | 14,637 | 14,577 | 13,730 | 14,105 | 14,036 | 381 | 532 | 541 | 2.7% | 3.6% | 3.7% |
| Bottineau | 3,134 | 3,244 | 3,250 | 3,057 | 3,145 | 3,099 | 77 | 99 | 151 | 2.5% | 3.1% | 4.6% |
| Burke | 1,153 | 1,209 | 1,246 | 1,107 | 1,144 | 1,176 | 46 | 65 | 70 | 4.0% | 5.4% | 5.6% |
| McHenry | 2,405 | 2,445 | 2,456 | 2,181 | 2,243 | 2,195 | 224 | 202 | 261 | 9.3% | 8.3% | 10.6% |
| Mountrail | 3,213 | 3,333 | 3,203 | 3,072 | 3,137 | 2,998 | 141 | 196 | 205 | 4.4% | 5.9% | 6.4% |
| Pierce | 2,367 | 2,425 | 2,387 | 2,323 | 2,370 | 2,333 | 44 | 55 | 54 | 1.9% | 2.3% | 2.3% |
| Renville | 1,164 | 1,194 | 1,182 | 1,142 | 1,163 | 1,144 | 22 | 31 | 38 | 1.9% | 2.6% | 3.2% |
| Ward | 24,701 | 24,951 | 25,379 | 23,753 | 23,955 | 24,118 | 948 | 996 | 1,261 | 3.8% | 4.0% | 5.0% |
| REGION 2 | 38,137 | 38,801 | 39,103 | 36,635 | 37,157 | 37,063 | 1,502 | 1,644 | 2,040 | 3.9% | 4.2% | 5.2% |
| Benson | 2,312 | 2,441 | 2,786 | 2,080 | 2,176 | 2,482 | 232 | 265 | 304 | 10.0% | 10.9% | 10.9% |
| Cavalier | 2,423 | 2,533 | 2,477 | 2,338 | 2,445 | 2,370 | 85 | 88 | 107 | 3.5% | 3.5% | 4.3% |
| Eddy | 1,358 | 1,382 | 1,371 | 1,282 | 1,313 | 1,287 | 76 | 69 | 84 | 5.6% | 5.0% | 6.1% |
| Ramsey | 6,714 | 6,627 | 6,595 | 6,557 | 6,453 | 6,374 | 157 | 174 | 221 | 2.3% | 2.6% | 3.4% |
| Rolette | 4,405 | 4,571 | 4,606 | 3,958 | 4,003 | 3,995 | 447 | 568 | 611 | 10.1% | 12.4% | 13.3% |
| Towner | 1,560 | 1,600 | 1,646 | 1,494 | 1,543 | 1,571 | 66 | 57 | 75 | 4.2% | 3.6% | 4.6% |
| REGION 3 | 18,772 | 19,154 | 19,481 | 17,709 | 17,933 | 18,079 | 1,063 | 1,221 | 1,402 | 5.7% | 6.4% | 7.2% |
| Grand Forks | 36,369 | 36,496 | 36,975 | 35,431 | 35,426 | 35,679 | 938 | 1,070 | 1,296 | 2.6% | 2.9% | 3.5% |
| Nelson | 1,770 | 1,814 | 1,832 | 1,688 | 1,759 | 1,711 | 82 | 55 | 121 | 4.6% | 3.0% | 6.6% |
| Pembina | 5,229 | 5,830 | 5,345 | 4,909 | 5,439 | 4,844 | 320 | 391 | 501 | 6.1% | 6.7% | 9.4% |
| Walsh | 7,069 | 7,653 | 7,332 | 6,777 | 7,313 | 6,952 | 292 | 340 | 380 | 4.1% | 4.4% | 5.2% |
| REGION 4 | 50,437 | 51,793 | 51,484 | 48,805 | 49,937 | 49,186 | 1,632 | 1,856 | 2,298 | 3.2% | 3.6% | 4.5% |
| Cass | 62,973 | 63,039 | 63,103 | 61,805 | 61,845 | 61,755 | 1,168 | 1,194 | 1,348 | 1.9% | 1.9% | 2.1% |
| Ransom | 2,413 | 2,530 | 2,511 | 2,371 | 2,486 | 2,430 | 42 | 44 | 81 | 1.7% | 1.7% | 3.2% |
| Richland | 8,417 | 8,551 | 8,430 | 8,176 | 8,345 | 8,182 | 241 | 206 | 248 | 2.9% | 2.4% | 2.9% |
| Sargent | 2,577 | 2,660 | 2,542 | 2,541 | 2,616 | 2,502 | 36 | 44 | 40 | 1.4% | 1.7% | 1.6% |
| Steele | 978 | 1,055 | 1,019 | 959 | 1,030 | 978 | 19 | 25 | 41 | 1.9% | 2.4% | 4.0% |
| Traill | 4,404 | 4,535 | 4,385 | 4,309 | 4,432 | 4,269 | 95 | 103 | 116 | 2.2% | 2.3% | 2.6% |
| REGION 5 | 81,762 | 82,370 | 81,990 | 80,161 | 80,754 | 80,116 | 1,601 | 1,616 | 1,874 | 2.0% | 2.0% | 2.3% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NOV'90 | OCT'90 | NOV'89 | NOV'90 | OCT'90 | NOV'89 | NOV'90 | OCT'90 | NOV'89 | NOV'90 | OCT'90 | NOV'89 |
| Barnes | 5,765 | 5,805 | 5,731 | 5,576 | 5,670 | 5,521 | 189 | 135 | 210 | 3.3% | 2.3% | 3.7% |
| Dickey | 3,081 | 3,138 | 3,016 | 3,016 | 3,064 | 2,960 | 65 | 74 | 56 | 2.1% | 2.4% | 1.9% |
| Foster | 2,272 | 2,284 | 2,221 | 2,181 | 2,215 | 2,105 | 91 | 69 | 116 | 4.0% | 3.0% | 5.2% |
| Griggs | 1,442 | 1,508 | 1,477 | 1,400 | 1,485 | 1,434 | 42 | 23 | 43 | 2.9% | 1.5% | 2.9% |
| La Moure | 2,177 | 2,231 | 2,178 | 2,096 | 2,178 | 2,111 | 81 | 53 | 67 | 3.7% | 2.4% | 3.1% |
| Logan | 1,361 | 1,463 | 1,394 | 1,336 | 1,406 | 1,343 | 25 | 57 | 51 | 1.8% | 3.9% | 3.7% |
| McIntosh | 2,131 | 2,171 | 2,135 | 2,089 | 2,146 | 2,090 | 42 | 25 | 45 | 2.0% | 1.2% | 2.1% |
| Stutsman | 11,401 | 11,805 | 11,725 | 11,093 | 11,258 | 11,200 | 308 | 547 | 525 | 2.7% | 4.6% | 4.5% |
| Wells | 2,590 | 2,664 | 2,699 | 2,451 | 2,530 | 2,522 | 139 | 134 | 177 | 5.4% | 5.0% | 6.6% |
| **REGION 6** | **32,220** | **33,069** | **32,576** | **31,238** | **31,952** | **31,286** | **982** | **1,117** | **1,290** | **3.0%** | **3.4%** | **4.0%** |
| Burleigh | 34,317 | 34,677 | 34,423 | 33,340 | 33,476 | 33,055 | 977 | 1,201 | 1,368 | 2.8% | 3.5% | 4.0% |
| Emmons | 2,042 | 2,120 | 2,078 | 1,947 | 2,057 | 1,979 | 95 | 63 | 99 | 4.7% | 3.0% | 4.8% |
| Grant | 1,672 | 1,793 | 1,697 | 1,627 | 1,741 | 1,625 | 45 | 52 | 72 | 2.7% | 2.9% | 4.2% |
| Kidder | 1,463 | 1,497 | 1,490 | 1,348 | 1,404 | 1,353 | 115 | 93 | 137 | 7.9% | 6.2% | 9.2% |
| McLean | 4,339 | 4,334 | 4,358 | 4,149 | 4,149 | 4,110 | 190 | 185 | 248 | 4.4% | 4.3% | 5.7% |
| Mercer | 5,276 | 5,457 | 5,426 | 5,047 | 5,230 | 5,074 | 229 | 227 | 352 | 4.3% | 4.2% | 6.5% |
| Morton | 12,538 | 12,580 | 12,638 | 12,093 | 12,143 | 11,990 | 445 | 437 | 648 | 3.5% | 3.5% | 5.1% |
| Oliver | 945 | 954 | 1,004 | 901 | 920 | 929 | 44 | 34 | 75 | 4.7% | 3.6% | 7.5% |
| Sheridan | 1,165 | 1,211 | 1,136 | 1,103 | 1,163 | 1,058 | 62 | 48 | 78 | 5.3% | 4.0% | 6.9% |
| Sioux | 1,169 | 1,157 | 1,231 | 1,057 | 1,004 | 1,062 | 112 | 153 | 169 | 9.6% | 13.2% | 13.7% |
| **REGION 7** | **64,926** | **65,780** | **65,481** | **62,612** | **63,287** | **62,235** | **2,314** | **2,493** | **3,246** | **3.6%** | **3.8%** | **5.0%** |
| Adams | 1,612 | 1,671 | 1,614 | 1,585 | 1,627 | 1,569 | 27 | 44 | 45 | 1.7% | 2.6% | 2.8% |
| Billings | 628 | 860 | 644 | 596 | 847 | 615 | 32 | 13 | 29 | 5.1% | 1.5% | 4.5% |
| Bowman | 2,001 | 2,073 | 2,026 | 1,969 | 2,025 | 1,981 | 32 | 48 | 45 | 1.6% | 2.3% | 2.2% |
| Dunn | 1,685 | 1,788 | 1,649 | 1,630 | 1,729 | 1,523 | 55 | 59 | 126 | 3.3% | 3.3% | 7.6% |
| Gldn Valley | 971 | 1,035 | 972 | 949 | 999 | 958 | 22 | 36 | 14 | 2.3% | 3.5% | 1.4% |
| Hettinger | 1,607 | 1,711 | 1,650 | 1,563 | 1,665 | 1,588 | 44 | 46 | 62 | 2.7% | 2.7% | 3.8% |
| Slope | 411 | 463 | 419 | 386 | 425 | 387 | 25 | 38 | 32 | 6.1% | 8.2% | 7.6% |
| Stark | 10,457 | 10,660 | 10,989 | 10,049 | 10,109 | 10,460 | 408 | 551 | 529 | 3.9% | 5.2% | 4.8% |
| **REGION 8** | **19,372** | **20,261** | **19,963** | **18,727** | **19,426** | **19,081** | **645** | **835** | **882** | **3.3%** | **4.1%** | **4.4%** |
| **STATE TOTALS** | 319,743 | 325,866 | 324,654 | 309,619 | 314,550 | 311,079 | 10,124 | 11,316 | 13,575 | 3.2% | 3.5% | 4.2% |

# DEFINITIONS

**EMPLOYED:** A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE:** The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX:** A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

# JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
**216 Second Street**
**Phone: 224-2880**

**BEULAH**
**119 East Main**
**Phone: 873-5607**

**DEVILS LAKE**
**301 South College Drive**
**Phone: 662- 2181**

**DICKINSON**
**66 Osborn Drive**
**Phone: 227-2361**

**FARGO**
**1350 32nd Street South**
**Phone: 237-7113**

**NDSU-FARGO**
**Job Information and**
**Placement Center**
**211 Ceres Hall**
**Phone: 237-7111**

**FORT TOTTEN**
**Tribal Building**
**Phone: 766-4221, Ext. 45**

**FORT YATES**
**Job Service Building**
**Phone: 854-7463**

**GRAFTON**
**927 12th St. West**
**Phone: 352-2202**

**GRAND FORKS**
**2016 South Washington**
**Phone: 777-3711**

**UND-GRAND FORKS**
**McCannel Hall- Room 141**
**Phone: 777-3904**

**HARVEY**
**119 9th St. West**
**Phone: 324-4552**

**HETTINGER**
**606 2nd Avenue North**
**Phone: 567-2156**

**JAMESTOWN**
**429 2nd Street Southwest**
**Phone: 251-2256**

**MANDAN**
**501 1st Street Northwest**
**Phone: 663-6461**

**MINOT**
**3416 North Broadway**
**Phone: 857-7650**

**NEW TOWN**
**Tribal Administration Building**
**Phone: 627-4390**

**OAKES**
**517 Main Ave.**
**PHONE: 742-2546**

**ROLLA**
**103 East Main**
**Phone: 477-5631**

**VALLEY CITY**
**2425 West Main**
**Phone: 845-7261**

**WAHPETON**
**524 2nd Avenue North**
**Phone: 671-2711**

**WILLISTON**
**422 1st Avenue West**
**Phone: 774-4370**

S6140-4

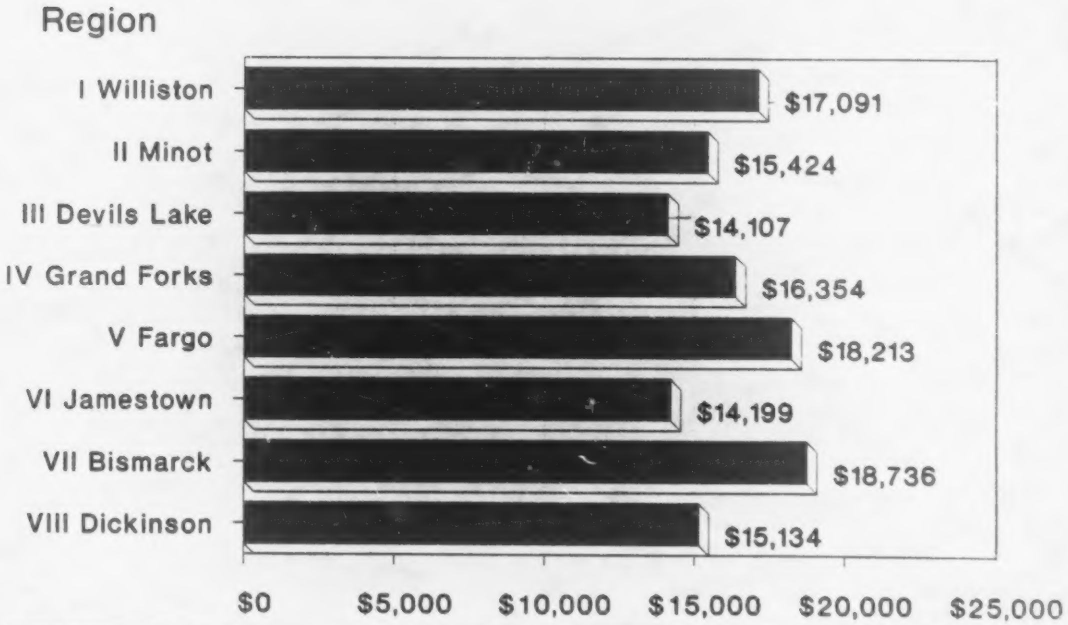
December, 1990

Volume 6, Number 12

JOB SERVICE North Dakota

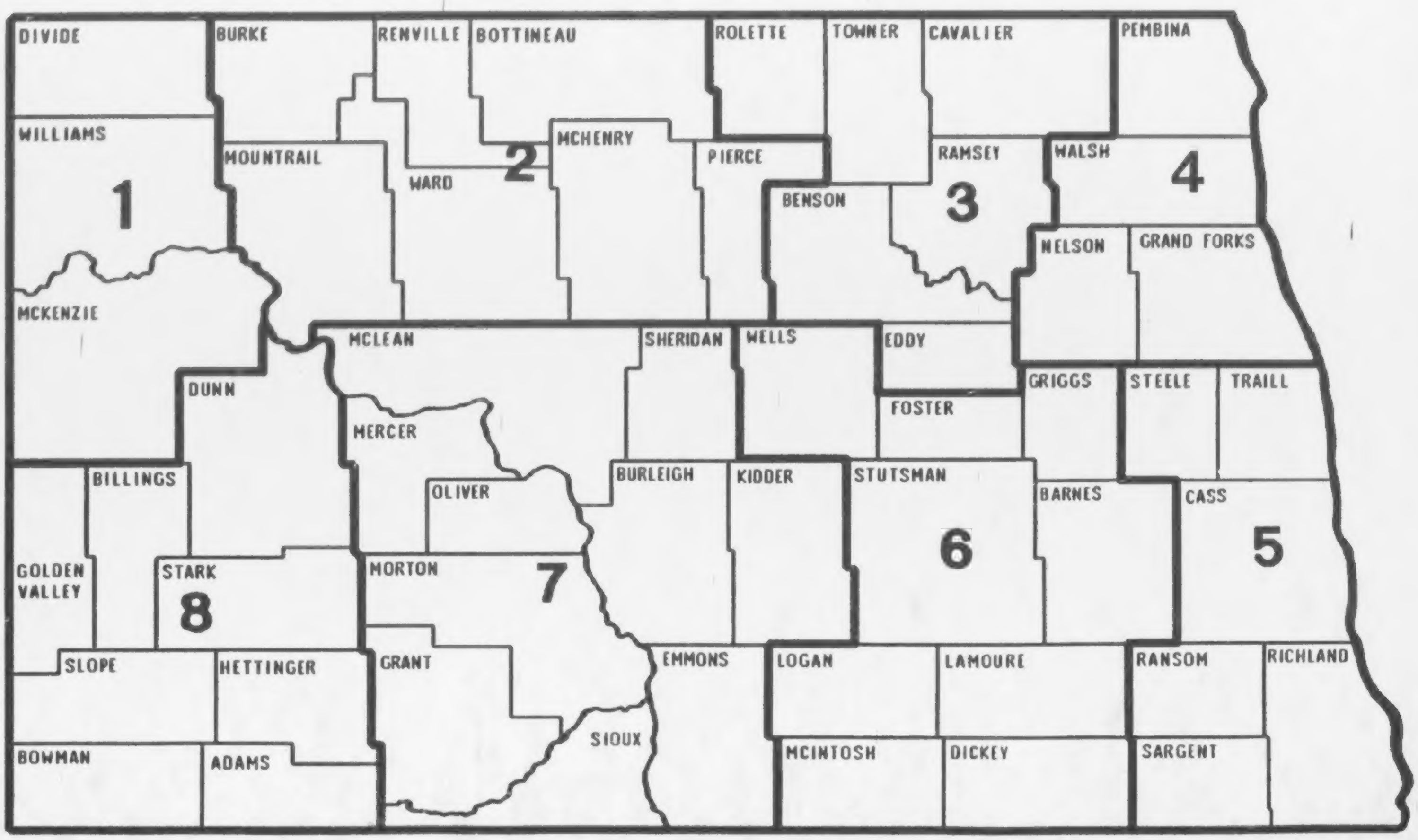
# The North Dakota Labor Market Advisor

## ANNUAL AVERAGE EARNINGS BY PLANNING REGION



# NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
WARD
2
MCHENRY
PIERCE
RAMSEY
WALSH
4
1
BENSON
3
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
DUNN
GRIGGS
STEELE
TRAILL
FOSTER
MERCER
BURLEIGH
KIDDER
STUTSMAN
BILLINGS
OLIVER
BARNES
CASS
GOLDEN VALLEY
STARK
8
MORTON
7
6
5
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

# THE
# NORTH DAKOTA
# LABOR MARKET ADVISOR

December, 1990

**GEORGE A. SINNER, GOVERNOR**
**STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

**Micheal V. Deisz**
**Executive Director**

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

# NORTH DAKOTA EMPLOYMENT AND WAGES, 1989

Have you ever had a need or an interest in employment or wages for a county or planning region? How about total earnings for all workers employed in wage and salary jobs? Are you interested in the size of firms in the state or the amount of unemployment insurance benefit payments paid to all claimants in a county during a month or year? If your answer is "yes" to any of the above questions, you may want to obtain a copy of a new publication just produced by the Research and Statistics Section.

The annual publication, North Dakota Employment and Wages, 1989, was recently completed. It contains information primarily related to workers covered by state or federal unemployment insurance laws. Monthly employment, annual average employment, quarterly earnings, cumulative annual earnings and annual average earnings are displayed at various levels of industrial detail. One of the aspects that makes this publication popular is the geographic detail that is included. Besides data for the state, the information is also distributed for the eight planning regions and all fifty-three counties. Although 1989 is the most recent year for which covered employment and wages is available, it is still significant to note the growth, which started in 1987, is continuing. Slightly over 3,400 workers were added between 1988 and 1989. Mining and construction incurred relatively minor losses of less than 200, while two industries accounted for the bulk of the gain. Services, which has recorded increases every year for the past three decades, added 2,010 workers and retail trade gained 1,110.

While employment gains are important, average annual earnings also need to be reviewed. Although we recognize that changes in average annual earnings are influenced by increases, or lack of increases granted to workers in established businesses, employment growth also exerts an influence on average earnings.

The average annual earnings of workers covered by unemployment insurance in North Dakota increased by $423 to reach $16,924 in 1989. These earnings varied widely by county. Workers in Slope County, which is sparsely populated and has only 18 employers employing a total of 75 workers, had average annual earnings of only $8,031. On the opposite end of the scale, workers in Oliver County averaged $28,591. Mercer County was a close second with average annual earnings of $26,937.

A review of earnings by industry readily identifies why the workers in Oliver and Mercer counties have the highest earnings in the state. Both counties are in the heart of the energy producing country and involved in the production of both electrical energy and synthetic gas, as well as the mining of coal used in these facilities. Workers in the mining industry led the state in 1989 with annual average earnings of $30,635. In Mercer County, the average earnings for workers in the mining industry was $45,410 and those in transportation, communications and utilities averaged $38,951. Workers employed by special trade contractors involved in the maintenance and repair of these facilities also command comparatively high wages. This caused the average earnings in the construction industry to be relatively high in these counties. The statewide average was $20,297, while the annual average in Mercer County was $33,521. The combined industry of mining and construction in McLean County was $37,135.

Average annual earnings increased in all industries over the year. In the nonagricultural sector, workers in the mining industry had the largest increase, $1,520. Manufacturing and wholesale trade were in second and third place with gains of $870 and $862 respectively. Retail trade, with the lowest average of all industries, $9,311, had the smallest increase over the year, $133. This industry has a low annual average due to the large number of workers employed at or near the minimum wage. In addition, many of the workers work part time which tends to lower the average for the industry.

A new section related to the size of firms in North Dakota was added this year. The information is provided in major industry detail. The vast majority of firms in North Dakota have only a few employees. Just how small are these firms? In 1989, nearly 61% of all employing units covered by unemployment insurance had 4 or fewer employees. This large group of employers, however, only employed 9% of all workers. At the next level, 79% of the employers had 9 or fewer workers and employed 20% of the workers.

By comparison, there are a number of large firms in the state. In March 1989, 783 firms (3.6% of all firms in North Dakota) employed 50 or more workers. While few in number, these employers employed 111,929 workers or nearly 48% of the total.

North Dakota Employment and Wages, 1989, contains county data as well as tables for the state and regions. In addition, information on benefit payments to claimants by month and by county are included in the publication. If you are interested in obtaining a copy, contact the Research and Statistics Section using the address listed on the back cover.

**Dale R. Dehlin**
**Research Analyst**

(1

## NORTH DAKOTA
## NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | December 1990 | November 1990 | November 1990 | December 1989 | December 1989 |
| **TOTAL NONAG** | 268,950 | 270,150 | -0.4% | 264,700 | 1.6% |
| GOODS PRODUCING | 30,700 | 32,900 | -6.7% | 29,450 | 4.2% |
| MINING | 4,250 | 4,350 | -2.3% | 4,000 | 6.3% |
| Coal | 1,050 | 1,050 | 0.0% | 1,100 | -4.5% |
| Crude Petroleum & Nat. Gas | 3,000 | 3,000 | 0.0% | 2,700 | 11.1% |
| Other Mining | 200 | 300 | -33.3% | 200 | 0.0% |
| CONSTRUCTION | 8,600 | 10,300 | -16.5% | 8,550 | 0.6% |
| Building Construction | 2,300 | 2,600 | -11.5% | 2,500 | -8.0% |
| Street, Highway & Heavy | 1,600 | 2,500 | -36.0% | 1,350 | 18.5% |
| Special Trade Construction | 4,700 | 5,200 | -9.6% | 4,700 | 0.0% |
| MANUFACTURING | 17,850 | 18,250 | -2.2% | 16,900 | 5.6% |
| Durable Goods | 9,100 | 9,150 | -0.5% | 8,250 | 10.3% |
| Primary & Fab. Metals | 1,100 | 1,150 | -4.3% | 1,100 | 0.0% |
| Machinery & Trans. Equip | 5,750 | 5,600 | 2.7% | 5,100 | 12.7% |
| Machinery & Electric | 4,100 | 4,000 | 2.5% | 3,800 | 7.9% |
| Transportation Equipment | 1,650 | 1,600 | 3.1% | 1,300 | 26.9% |
| Other Durables | 2,250 | 2,400 | -6.3% | 2,050 | 9.8% |
| Lumber & Wood | 1,250 | 1,250 | 0.0% | 1,100 | 13.6% |
| Misc Durable | 1,000 | 1,150 | -13.0% | 950 | 5.3% |
| Nondurable Goods | 8,750 | 9,100 | -3.8% | 8,650 | 1.2% |
| Food & Kindred Products | 4,700 | 5,000 | -6.0% | 4,500 | 4.4% |
| Dairy Products | 650 | 650 | 0.0% | 650 | 0.0% |
| Bakery Products | 1,150 | 1,400 | -17.9% | 850 | 35.3% |
| Sugar & Confectionary | 1,000 | 1,000 | 0.0% | 1,000 | 0.0% |
| Other Foods | 1,900 | 1,950 | -2.6% | 2,000 | -5.0% |
| Printing & Publishing | 2,600 | 2,600 | 0.0% | 2,500 | 4.0% |
| Other Nondurable Goods | 1,450 | 1,500 | -3.3% | 1,650 | -12.1% |
| SERVICES PRODUCING | 238,250 | 237,250 | 0.4% | 235,250 | 1.3% |
| TRAN, COMM & UTILITIES | 17,550 | 17,450 | 0.6% | 17,250 | 1.7% |
| Transportation | 9,350 | 9,250 | 1.1% | 9,050 | 3.3% |
| Trucking & Warehousing | 5,300 | 5,200 | 1.9% | 5,200 | 1.9% |
| Other Transportation | 4,050 | 4,050 | 0.0% | 3,850 | 5.2% |
| Railroads | 1,900 | 1,900 | 0.0% | 1,850 | 2.7% |
| Local & Suburban Transport | 950 | 950 | 0.0% | 950 | 0.0% |
| Water, Air & Pipeline | 1,200 | 1,200 | 0.0% | 1,050 | 14.3% |
| Communications | 3,500 | 3,500 | 0.0% | 3,500 | 0.0% |
| Utilities | 4,700 | 4,700 | 0.0% | 4,700 | 0.0% |
| WHOLESALE TRADE | 19,300 | 19,300 | 0.0% | 19,700 | -2.0% |
| Durable Goods | 8,800 | 8,800 | 0.0% | 9,100 | -3.3% |
| Nondurable Goods | 10,500 | 10,500 | 0.0% | 10,600 | -0.9% |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | December 1990 | November 1990 | November 1990 | December 1989 | December 1989 |
| RETAIL TRADE | 52,500 | 51,950 | 1.1% | 51,700 | 1.5% |
| Hardware & Garden | 2,400 | 2,400 | 0.0% | 2,600 | -7.7% |
| General Merchandise | 7,900 | 7,700 | 2.6% | 7,200 | 9.7% |
| Food Stores | 7,300 | 7,200 | 1.4% | 7,400 | -1.4% |
| Auto & Service Stations | 6,900 | 6,900 | 0.0% | 6,700 | 3.0% |
| Apparel & Accessory | 2,800 | 2,700 | 3.7% | 2,900 | -3.4% |
| Furniture Stores | 1,700 | 1,650 | 3.0% | 1,700 | 0.0% |
| Eating & Drinking Places | 17,800 | 17,800 | 0.0% | 17,800 | 0.0% |
| Misc Retail | 5,700 | 5,600 | 1.8% | 5,400 | 5.6% |
| FINANCE,INS & REAL ESTATE | 12,450 | 12,400 | 0.4% | 12,450 | 0.0% |
| Finance | 6,550 | 6,550 | 0.0% | 6,700 | -2.2% |
| Banking | 5,600 | 5,600 | 0.0% | 5,700 | -1.8% |
| Other Finance | 950 | 950 | 0.0% | 1,000 | -5.0% |
| Insurance | 3,950 | 3,950 | 0.0% | 3,900 | 1.3% |
| Insurance Underwriters | 2,500 | 2,500 | 0.0% | 2,500 | 0.0% |
| Ins. Agents & Brokers | 1,450 | 1,450 | 0.0% | 1,400 | 3.6% |
| Real Estate | 1,950 | 1,900 | 2.6% | 1,850 | 5.4% |
| SERVICES | 69,850 | 69,750 | 0.1% | 66,950 | 4.3% |
| Lodging | 4,500 | 4,500 | 0.0% | 4,400 | 2.3% |
| Personal & Business | 8,500 | 8,400 | 1.2% | 8,200 | 3.7% |
| Personal Services | 3,200 | 3,100 | 3.2% | 3,200 | 0.0% |
| Business Services | 5,300 | 5,300 | 0.0% | 5,000 | 6.0% |
| Recreational Services | 2,200 | 2,200 | 0.0% | 2,100 | 4.8% |
| Health Services | 29,200 | 29,100 | 0.3% | 27,800 | 5.0% |
| Nursing & Hospital | 21,300 | 21,200 | 0.5% | 20,100 | 6.0% |
| Other Health | 7,900 | 7,900 | 0.0% | 7,700 | 2.6% |
| Membership Organizations | 8,200 | 8,200 | 0.0% | 8,300 | -1.2% |
| Educational Services | 3,100 | 3,200 | -3.1% | 3,100 | 0.0% |
| Social Services | 6,800 | 6,700 | 1.5% | 5,800 | 17.2% |
| Other Services | 7,350 | 7,450 | -1.3% | 7,250 | 1.4% |
| Auto & Misc Repair | 2,300 | 2,300 | 0.0% | 2,200 | 4.5% |
| Legal Services | 1,450 | 1,450 | 0.0% | 1,450 | 0.0% |
| Misc Services | 3,600 | 3,700 | -2.7% | 3,600 | 0.0% |
| GOVERNMENT | 66,600 | 66,400 | 0.3% | 67,200 | -0.9% |
| Federal | 10,200 | 10,100 | 1.0% | 10,300 | -1.0% |
| State & Local | 56,400 | 56,300 | 0.2% | 56,900 | -0.9% |
| State Government | 20,200 | 20,300 | -0.5% | 20,600 | -1.9% |
| Educational Services | 13,300 | 13,400 | -0.7% | 13,700 | -2.9% |
| Other State Government | 6,900 | 6,900 | 0.0% | 6,900 | 0.0% |
| Local Government | 36,200 | 36,000 | 0.6% | 36,300 | -0.3% |
| Educational Services | 18,500 | 18,400 | 0.5% | 18,600 | -0.5% |
| Other Local Government | 17,700 | 17,600 | 0.6% | 17,700 | 0.0% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH<br>December 1990 | PREVIOUS MONTH<br>November 1990 | % CHANGE FROM<br>November 1990 | ONE YEAR AGO<br>December 1989 | % CHANGE FROM<br>December 1989 |
|---|---|---|---|---|---|
| **FARGO-MOORHEAD MSA** | | | | | |
| **TOTAL NONAG** | 79,500 | 80,250 | -0.9% | 77,150 | 3.0% |
| GOODS PRODUCING | 9,350 | 10,400 | -10.1% | 8,700 | 7.5% |
| MINING & CONSTRUCTION | 3,550 | 4,300 | -17.4% | 3,350 | 6.0% |
| Special Trades | 2,000 | 2,200 | -9.1% | 1,900 | 5.3% |
| Other Construction & Mining | 1,550 | 2,100 | -26.2% | 1,450 | 6.9% |
| MANUFACTURING | 5,800 | 6,100 | -4.9% | 5,350 | 8.4% |
| Durable Goods | 2,800 | 2,850 | -1.8% | 2,500 | 12.0% |
| Fabricated Metal & Machinery | 1,500 | 1,500 | 0.0% | 1,400 | 7.1% |
| Other Durable Goods | 1,300 | 1,350 | -3.7% | 1,100 | 18.2% |
| Nondurable Goods | 3,000 | 3,250 | -7.7% | 2,850 | 5.3% |
| Food & Kindred | 1,950 | 2,200 | -11.4% | 1,850 | 5.4% |
| Other Nondurables | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| SERVICES PRODUCING | 70,150 | 69,850 | 0.4% | 68,450 | 2.5% |
| TRANS, COMM & UTIL | 4,950 | 4,950 | 0.0% | 4,850 | 2.1% |
| Trucking & Warehousing | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| Other Transportation | 2,300 | 2,300 | 0.0% | 2,200 | 4.5% |
| Communications & Utilities | 1,600 | 1,600 | 0.0% | 1,650 | -3.0% |
| WHOLESALE TRADE | 6,700 | 6,700 | 0.0% | 6,800 | -1.5% |
| Durable | 3,900 | 3,900 | 0.0% | 3,800 | 2.6% |
| Nondurable | 2,800 | 2,800 | 0.0% | 3,000 | -6.7% |
| RETAIL TRADE | 16,000 | 15,750 | 1.6% | 15,500 | 3.2% |
| General Merchandise & Apparel | 3,600 | 3,500 | 2.9% | 3,200 | 12.5% |
| Food Stores | 1,850 | 1,800 | 2.8% | 2,000 | -7.5% |
| Auto Dealers & Svc. Stations | 1,950 | 1,950 | 0.0% | 1,700 | 14.7% |
| Eating & Drinking Places | 5,800 | 5,700 | 1.8% | 5,800 | 0.0% |
| Other Retail | 2,800 | 2,800 | 0.0% | 2,800 | 0.0% |
| FINANCE, INS & R E | 4,600 | 4,600 | 0.0% | 4,500 | 2.2% |
| Finance | 2,100 | 2,100 | 0.0% | 2,000 | 5.0% |
| Insurance Carriers | 1,450 | 1,450 | 0.0% | 1,450 | 0.0% |
| Other Fin, Ins. & R.Estate | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| SERVICES | 22,750 | 22,600 | 0.7% | 21,750 | 4.6% |
| Lodging | 1,400 | 1,400 | 0.0% | 1,350 | 3.7% |
| Personal & Business | 3,700 | 3,700 | 0.0% | 3,600 | 2.8% |
| Recreation & Amusement | 800 | 800 | 0.0% | 850 | -5.9% |
| Health Services | 8,300 | 8,300 | 0.0% | 7,900 | 5.1% |
| Educational Services | 2,400 | 2,300 | 4.3% | 2,300 | 4.3% |
| Social Services | 1,850 | 1,850 | 0.0% | 1,650 | 12.1% |
| Membership Services | 1,500 | 1,450 | 3.4% | 1,500 | 0.0% |
| Other Services | 2,800 | 2,800 | 0.0% | 2,600 | 7.7% |
| GOVERNMENT | 15,150 | 15,250 | -0.7% | 15,050 | 0.7% |
| Federal | 2,300 | 2,300 | 0.0% | 2,300 | 0.0% |
| State | 6,250 | 6,350 | -1.6% | 6,250 | 0.0% |
| State School | 5,700 | 5,800 | -1.7% | 5,700 | 0.0% |
| Other State | 550 | 550 | 0.0% | 550 | 0.0% |
| Local | 6,600 | 6,600 | 0.0% | 6,500 | 1.5% |
| Local School | 4,100 | 4,200 | -2.4% | 3,900 | 5.1% |
| Other Local | 2,500 | 2,400 | 4.2% | 2,600 | -3.8% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH<br>December 1990 | PREVIOUS MONTH<br>November 1990 | % CHANGE FROM<br>November 1990 | ONE YEAR AGO<br>December 1989 | % CHANGE FROM<br>December 1989 |
|---|---|---|---|---|---|
| **GRAND FORKS MSA** | | | | | |
| **TOTAL** | 33,200 | 33,200 | 0.0% | 32,400 | 2.5% |
| GOODS PRODUCING | 2,650 | 2,950 | -10.2% | 2,750 | -3.6% |
| MINING & CONSTRUCTION | 1,050 | 1,300 | -19.2% | 1,200 | -12.5% |
| MANUFACTURING | 1,600 | 1,650 | -3.0% | 1,550 | 3.2% |
| Durable Goods | 600 | 600 | 0.0% | 550 | 9.1% |
| Nondurable Goods | 1,000 | 1,050 | -4.8% | 1,000 | 0.0% |
| SERVICES PRODUCING | 30,550 | 30,250 | 1.0% | 29,650 | 3.0% |
| TRANS, COMM. & UTIL. | 1,750 | 1,700 | 2.9% | 1,700 | 2.9% |
| Transportation | 1,100 | 1,050 | 4.8% | 1,050 | 4.8% |
| Communications & Utilities | 650 | 650 | 0.0% | 650 | 0.0% |
| WHOLESALE TRADE | 1,650 | 1,650 | 0.0% | 1,600 | 3.1% |
| RETAIL TRADE | 8,500 | 8,300 | 2.4% | 7,900 | 7.6% |
| General Merchandise & Apparel | 2,400 | 2,200 | 9.1% | 2,100 | 14.3% |
| Eating & Drinking Places | 3,000 | 3,000 | 0.0% | 2,800 | 7.1% |
| Other Retail | 3,100 | 3,100 | 0.0% | 3,000 | 3.3% |
| FINANCE, INS. & R E | 1,200 | 1,200 | 0.0% | 1,150 | 4.3% |
| SERVICES | 7,300 | 7,300 | 0.0% | 7,000 | 4.3% |
| Personal & Business | 1,000 | 1,000 | 0.0% | 900 | 11.1% |
| Health | 2,800 | 2,800 | 0.0% | 2,800 | 0.0% |
| Other Services | 3,500 | 3,500 | 0.0% | 3,300 | 6.1% |
| GOVERNMENT | 10,150 | 10,100 | 0.5% | 10,300 | -1.5% |
| Federal | 1,550 | 1,500 | 3.3% | 1,600 | -3.1% |
| State | 5,950 | 5,950 | 0.0% | 6,150 | -3.3% |
| State School | 5,500 | 5,500 | 0.0% | 5,700 | -3.5% |
| Other State | 450 | 450 | 0.0% | 450 | 0.0% |
| Local | 2,650 | 2,650 | 0.0% | 2,550 | 3.9% |
| Local School | 1,350 | 1,400 | -3.6% | 1,350 | 0.0% |
| Other Local | 1,300 | 1,250 | 4.0% | 1,200 | 8.3% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | December 1990 | November 1990 | November 1990 | December 1989 | December 1989 |
| **BISMARCK MSA** | | | | | |
| **TOTAL** | 40,900 | 40,650 | 0.6% | 39,600 | 3.3% |
| GOODS PRODUCING | 4,100 | 4,400 | -6.8% | 3,700 | 10.8% |
| MINING & CONSTRUCTION | 1,850 | 2,100 | -11.9% | 1,500 | 23.3% |
| MANUFACTURING | 2,250 | 2,300 | -2.2% | 2,200 | 2.3% |
| Durable Goods | 900 | 950 | -5.3% | 900 | 0.0% |
| Nondurable Goods | 1,350 | 1,350 | 0.0% | 1,300 | 3.8% |
| SERVICES PRODUCING | 36,800 | 36,250 | 1.5% | 35,900 | 2.5% |
| TRANS, COMM. & UTIL. | 3,050 | 3,000 | 1.7% | 2,900 | 5.2% |
| Transportation | 1,300 | 1,250 | 4.0% | 1,250 | 4.0% |
| Communications & Utilities | 1,750 | 1,750 | 0.0% | 1,650 | 6.1% |
| WHOLESALE TRADE | 2,300 | 2,300 | 0.0% | 2,300 | 0.0% |
| RETAIL TRADE | 8,550 | 8,150 | 4.9% | 8,350 | 2.4% |
| General Merchandise & Apparel | 1,900 | 1,800 | 5.6% | 1,850 | 2.7% |
| Food Stores | 1,100 | 1,050 | 4.8% | 1,050 | 4.8% |
| Auto Dealers & Svc. Stations | 1,050 | 1,050 | 0.0% | 1,150 | -8.7% |
| Eating & Drinking Places | 2,800 | 2,600 | 7.7% | 2,700 | 3.7% |
| Other Retail | 1,700 | 1,650 | 3.0% | 1,600 | 6.3% |
| FINANCE, INS. & R E | 1,500 | 1,500 | 0.0% | 1,550 | -3.2% |
| SERVICES | 12,350 | 12,400 | -0.4% | 11,800 | 4.7% |
| Lodging | 900 | 900 | 0.0% | 900 | 0.0% |
| Personal & Business | 1,500 | 1,450 | 3.4% | 1,400 | 7.1% |
| Health Services | 5,200 | 5,200 | 0.0% | 4,800 | 8.3% |
| Educational Services | 750 | 750 | 0.0% | 850 | -11.8% |
| Social Services | 1,150 | 1,150 | 0.0% | 1,100 | 4.5% |
| Membership Services | 1,150 | 1,200 | -4.2% | 1,100 | 4.5% |
| Other Services | 1,700 | 1,750 | -2.9% | 1,650 | 3.0% |
| GOVERNMENT | 9,050 | 8,900 | 1.7% | 9,000 | 0.6% |
| Federal | 1,150 | 1,150 | 0.0% | 1,200 | -4.2% |
| State | 4,050 | 4,000 | 1.3% | 3,950 | 2.5% |
| State Schools | 350 | 300 | 16.7% | 350 | 0.0% |
| Other State | 3,700 | 3,700 | 0.0% | 3,600 | 2.8% |
| Local | 3,850 | 3,750 | 2.7% | 3,850 | 0.0% |
| Local Schools | 2,300 | 2,200 | 4.5% | 2,200 | 4.5% |
| Other Local | 1,550 | 1,550 | 0.0% | 1,650 | -6.1% |

## UNITED STATES

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings |  |  | Average Weekly Hours |  |  | Average Hourly Earnings |  |  |
|---|---|---|---|---|---|---|---|---|---|
|  | DEC 1990 | NOV 1990 | DEC 1989 | DEC 1990 | NOV 1990 | DEC 1989 | DEC 1990 | NOV 1990 | DEC 1989 |
| MANUFACTURING | 460.24 | 447.98 | 441.08 | 41.5 | 40.8 | 41.3 | 11.09 | 10.98 | 10.68 |
| Durable Goods | 488.04 | 472.98 | 468.86 | 42.0 | 41.2 | 41.9 | 11.62 | 11.48 | 11.19 |
| Nondurable Goods | 421.65 | 415.49 | 402.38 | 40.7 | 40.3 | 40.4 | 10.36 | 10.31 | 9.96 |

## NORTH DAKOTA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings |  |  | Average Weekly Hours |  |  | Average Hourly Earnings |  |  |
|---|---|---|---|---|---|---|---|---|---|
|  | DEC 1990 | NOV 1990 | DEC 1989 | DEC 1990 | NOV 1990 | DEC 1989 | DEC 1990 | NOV 1990 | DEC 1989 |
| MANUFACTURING | 350.32 | 350.64 | 368.81 | 39.9 | 39.8 | 41.3 | 8.78 | 8.81 | 8.93 |
| Durable Goods | 370.94 | 374.33 | 397.38 | 41.4 | 41.0 | 43.1 | 8.96 | 9.13 | 9.22 |
| Nondurable Goods | 326.99 | 325.71 | 338.84 | 38.2 | 38.5 | 39.4 | 8.56 | 8.46 | 8.60 |
| Food & Kindred | 342.74 | 335.79 | 359.82 | 40.9 | 41.1 | 43.3 | 8.38 | 8.17 | 8.31 |

## FARGO-MOORHEAD MSA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings |  |  | Average Weekly Hours |  |  | Average Hourly Earnings |  |  |
|---|---|---|---|---|---|---|---|---|---|
|  | DEC 1990 | NOV 1990 | DEC 1989 | DEC 1990 | NOV 1990 | DEC 1989 | DEC 1990 | NOV 1990 | DEC 1989 |
| MANUFACTURING | 334.40 | 328.86 | 386.96 | 38.0 | 37.8 | 42.9 | 8.80 | 8.70 | 9.02 |
| Durable Goods | 330.80 | 337.06 | 389.73 | 38.6 | 38.0 | 43.4 | 8.57 | 8.87 | 8.98 |
| Nondurable Goods | 338.25 | 322.71 | 385.48 | 37.5 | 37.7 | 42.5 | 9.02 | 8.56 | 9.07 |

3

## LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | DEC 1990 | NOV 1990 | NOV 1990 | DEC 1989 | DEC 1989 |
| **UNITED STATES** | | | | | |
| (In Thousands) | | | | | |
| Labor Force | 126,791 | 126,231 | 0.4% | 126,246 | 0.4% |
| Employment | 119,191 | 118,876 | 0.3% | 119,588 | -0.3% |
| Unemployment | 7,600 | 7,355 | 3.3% | 6,658 | 14.1% |
| Unemployment Rate | 6.0% | 5.8% | xxx | 5.3% | xxx |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 316,670 | 319,760 | -1.0% | 322,600 | -1.8% |
| Employment | 304,670 | 309,600 | -1.6% | 309,300 | -1.5% |
| Unemployment | 12,000 | 10,160 | 18.1% | 13,300 | -9.8% |
| Unemployment Rate | 3.8% | 3.2% | xxx | 4.1% | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 88,540 | 90,090 | -1.7% | 87,930 | 0.7% |
| Employment | 86,050 | 88,110 | -2.3% | 85,630 | 0.5% |
| Unemployment | 2,490 | 1,980 | 25.8% | 2,300 | 8.3% |
| Unemployment Rate | 2.8% | 2.2% | xxx | 2.6% | xxx |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 36,210 | 36,460 | -0.7% | 36,490 | -0.8% |
| Employment | 35,120 | 35,520 | -1.1% | 35,370 | -0.7% |
| Unemployment | 1,090 | 940 | 16.0% | 1,120 | -2.7% |
| Unemployment Rate | 3.0% | 2.6% | xxx | 3.1% | xxx |
| **BISMARCK MSA** | | | | | |
| Labor Force | 46,880 | 46,850 | 0.1% | 46,850 | 0.1% |
| Employment | 45,130 | 45,420 | -0.6% | 44,760 | 0.8% |
| Unemployment | 1,750 | 1,430 | 22.4% | 2,090 | -16.3% |
| Unemployment Rate | 3.7% | 3.0% | xxx | 4.5% | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

4

## BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
NOV 1990

| | NORTH DAKOTA | MINNESOTA | SOUTH DAKOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 319.8 | 2,445.7 | 356.9 | 392.9 |
| Employment | 309.6 | 2,353.8 | 344.7 | 366.4 |
| Unemployment | 10.2 | 91.9 | 12.2 | 26.5 |
| Unemployment Rate | 3.2% | 3.8% | 3.4% | 6.7% |

## U. S. CONSUMER PRICE INDEX

## ALL URBAN CONSUMERS

(1982-84=100)

| ITEM | ANNUAL AVERAGE 1989 | DEC 1990 | NOV 1990 | Percent Change From NOV 1990 | DEC 1989 | Percent Change From DEC 1989 |
|---|---|---|---|---|---|---|
| All Items | 124.0 | 133.8 | 133.8 | 0.0% | 126.1 | 6.1% |
| Food & Beverage | 124.9 | 133.9 | 133.7 | 0.1% | 127.2 | 5.3% |
| Housing | 123.0 | 130.5 | 130.4 | 0.1% | 124.9 | 4.5% |
| Apparel & Upkeep | 118.6 | 125.3 | 127.5 | -1.7% | 119.2 | 5.1% |
| Transportation | 114.1 | 127.2 | 126.9 | 0.2% | 115.2 | 10.4% |
| Medical Care | 149.3 | 169.2 | 168.4 | 0.5% | 154.4 | 9.6% |
| Entertainment | 126.5 | 134.6 | 134.4 | 0.1% | 129.1 | 4.3% |
| All Other | 147.7 | 164.5 | 163.6 | 0.6% | 152.9 | 7.6% |

## PRODUCER PRICE INDEX

7

## UNITED STATES AVERAGE

| ITEM | ANNUAL AVERAGE 1989 | DEC 1990 | NOV 1990 | Percent Change From NOV 1990 | DEC 1989 | Percent Change From DEC 1989 |
|---|---|---|---|---|---|---|
| All Commodities | 112.2 | 118.6 | 120.1 | -1.2% | 113.0 | 5.0% |
| Farm Products & Processed Foods and Feeds | 115.3 | 117.0 | 117.4 | -0.3% | 116.5 | 0.4% |
| Industrial Commodities | 111.6 | 118.9 | 120.6 | -1.4% | 112.3 | 5.9% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DEC'90 | NOV'90 | DEC'89 | DEC'90 | NOV'90 | DEC'89 | DEC'90 | NOV'90 | DEC'89 | DEC'90 | NOV'90 | DEC'89 |
| Divide | 1,230 | 1,238 | 1,302 | 1,198 | 1,202 | 1,276 | 32 | 36 | 26 | 2.6% | 2.9% | 2.0% |
| McKenzie | 2,557 | 2,575 | 2,719 | 2,479 | 2,525 | 2,622 | 78 | 50 | 97 | 3.1% | 1.9% | 3.6% |
| Williams | 10,269 | 10,288 | 10,573 | 9,920 | 9,993 | 10,200 | 349 | 295 | 373 | 3.4% | 2.9% | 3.5% |
| **REGION 1** | 14,056 | 14,101 | 14,594 | 13,597 | 13,720 | 14,098 | 459 | 381 | 496 | 3.3% | 2.7% | 3.4% |
| Bottineau | 3,117 | 3,134 | 3,251 | 2,978 | 3,055 | 3,078 | 139 | 79 | 173 | 4.5% | 2.5% | 5.3% |
| Burke | 1,128 | 1,152 | 1,231 | 1,080 | 1,106 | 1,175 | 48 | 46 | 56 | 4.3% | 4.0% | 4.5% |
| McHenry | 2,379 | 2,404 | 2,495 | 2,118 | 2,180 | 2,201 | 261 | 224 | 294 | 11.0% | 9.3% | 11.8% |
| Mountrail | 3,207 | 3,216 | 3,208 | 3,029 | 3,070 | 3,014 | 178 | 146 | 194 | 5.6% | 4.5% | 6.0% |
| Pierce | 2,346 | 2,364 | 2,410 | 2,264 | 2,321 | 2,325 | 82 | 43 | 85 | 3.5% | 1.8% | 3.5% |
| Renville | 1,170 | 1,163 | 1,197 | 1,115 | 1,141 | 1,146 | 55 | 22 | 51 | 4.7% | 1.9% | 4.3% |
| Ward | 24,447 | 24,677 | 25,106 | 23,416 | 23,732 | 23,952 | 1,031 | 945 | 1,154 | 4.2% | 3.8% | 4.6% |
| **REGION 2** | 37,794 | 38,110 | 38,898 | 36,000 | 36,605 | 36,891 | 1,794 | 1,505 | 2,007 | 4.7% | 3.9% | 5.2% |
| Benson | 2,252 | 2,307 | 2,702 | 1,995 | 2,077 | 2,447 | 257 | 230 | 255 | 11.4% | 10.0% | 9.4% |
| Cavalier | 2,405 | 2,421 | 2,518 | 2,284 | 2,337 | 2,368 | 121 | 84 | 150 | 5.0% | 3.5% | 6.0% |
| Eddy | 1,353 | 1,357 | 1,364 | 1,217 | 1,281 | 1,252 | 136 | 76 | 112 | 10.1% | 5.6% | 8.2% |
| Ramsey | 6,728 | 6,709 | 6,643 | 6,499 | 6,552 | 6,385 | 229 | 157 | 258 | 3.4% | 2.3% | 3.9% |
| Rolette | 4,295 | 4,405 | 4,375 | 3,803 | 3,955 | 3,880 | 492 | 450 | 495 | 11.5% | 10.2% | 11.3% |
| Towner | 1,564 | 1,558 | 1,691 | 1,500 | 1,492 | 1,613 | 64 | 66 | 78 | 4.1% | 4.2% | 4.6% |
| **REGION 3** | 18,597 | 18,757 | 19,293 | 17,298 | 17,694 | 17,945 | 1,299 | 1,063 | 1,348 | 7.0% | 5.7% | 7.0% |
| Grand Forks | 36,217 | 36,461 | 36,489 | 35,123 | 35,522 | 35,365 | 1,094 | 939 | 1,124 | 3.0% | 2.6% | 3.1% |
| Nelson | 1,742 | 1,769 | 1,830 | 1,661 | 1,687 | 1,728 | 81 | 82 | 102 | 4.6% | 4.6% | 5.6% |
| Pembina | 5,184 | 5,227 | 5,271 | 4,848 | 4,906 | 4,867 | 336 | 321 | 404 | 6.5% | 6.1% | 7.7% |
| Walsh | 7,065 | 7,062 | 7,344 | 6,719 | 6,771 | 7,017 | 346 | 291 | 327 | 4.9% | 4.1% | 4.5% |
| **REGION 4** | 50,208 | 50,519 | 50,934 | 48,351 | 48,886 | 48,977 | 1,857 | 1,633 | 1,957 | 3.7% | 3.2% | 3.8% |
| Cass | 61,813 | 63,011 | 62,161 | 60,529 | 61,846 | 60,739 | 1,284 | 1,165 | 1,422 | 2.1% | 1.8% | 2.3% |
| Ransom | 2,460 | 2,409 | 2,588 | 2,388 | 2,367 | 2,499 | 72 | 42 | 89 | 2.9% | 1.7% | 3.4% |
| Richland | 8,325 | 8,410 | 8,529 | 8,066 | 8,170 | 8,199 | 259 | 240 | 330 | 3.1% | 2.9% | 3.9% |
| Sargent | 2,522 | 2,575 | 2,530 | 2,480 | 2,539 | 2,493 | 42 | 36 | 37 | 1.7% | 1.4% | 1.5% |
| Steele | 949 | 978 | 1,041 | 930 | 959 | 992 | 19 | 19 | 49 | 2.0% | 1.9% | 4.7% |
| Traill | 4,327 | 4,400 | 4,403 | 4,206 | 4,306 | 4,242 | 121 | 94 | 161 | 2.8% | 2.1% | 3.7% |
| **REGION 5** | 80,396 | 81,783 | 81,252 | 78,599 | 80,187 | 79,164 | 1,797 | 1,596 | 2,088 | 2.2% | 2.0% | 2.6% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DEC'90 | NOV'90 | DEC'89 | DEC'90 | NOV'90 | DEC'89 | DEC'90 | NOV'90 | DEC'89 | DEC'90 | NOV'90 | DEC'89 |
| Barnes | 5,569 | 5,760 | 5,733 | 5,393 | 5,573 | 5,423 | 176 | 187 | 310 | 3.2% | 3.2% | 5.4% |
| Dickey | 3,001 | 3,084 | 3,015 | 2,920 | 3,013 | 2,936 | 81 | 71 | 79 | 2.7% | 2.3% | 2.6% |
| Foster | 2,237 | 2,269 | 2,176 | 2,114 | 2,179 | 2,077 | 123 | 90 | 99 | 5.5% | 4.0% | 4.5% |
| Griggs | 1,379 | 1,441 | 1,462 | 1,332 | 1,399 | 1,407 | 47 | 42 | 55 | 3.4% | 2.9% | 3.8% |
| La Moure | 2,141 | 2,173 | 2,222 | 2,054 | 2,093 | 2,135 | 87 | 80 | 87 | 4.1% | 3.7% | 3.9% |
| Logan | 1,365 | 1,360 | 1,397 | 1,314 | 1,335 | 1,365 | 51 | 25 | 32 | 3.7% | 1.8% | 2.3% |
| McIntosh | 2,086 | 2,129 | 2,157 | 2,046 | 2,087 | 2,103 | 40 | 42 | 54 | 1.9% | 2.0% | 2.5% |
| Stutsman | 11,376 | 11,401 | 11,631 | 10,975 | 11,085 | 11,211 | 401 | 316 | 420 | 3.5% | 2.8% | 3.6% |
| Wells | 2,600 | 2,586 | 2,718 | 2,404 | 2,449 | 2,534 | 196 | 137 | 184 | 7.5% | 5.3% | 6.8% |
| REGION 6 | 31,754 | 32,203 | 32,511 | 30,552 | 31,213 | 31,191 | 1,202 | 990 | 1,320 | 3.8% | 3.1% | 4.1% |
| Burleigh | 34,293 | 34,302 | 34,233 | 33,117 | 33,328 | 32,845 | 1,176 | 974 | 1,388 | 3.4% | 2.8% | 4.1% |
| Emmons | 1,963 | 2,040 | 2,055 | 1,854 | 1,946 | 1,941 | 109 | 94 | 114 | 5.6% | 4.6% | 5.5% |
| Grant | 1,635 | 1,671 | 1,719 | 1,585 | 1,626 | 1,659 | 50 | 45 | 60 | 3.1% | 2.7% | 3.5% |
| Kidder | 1,420 | 1,466 | 1,489 | 1,296 | 1,347 | 1,351 | 124 | 119 | 138 | 8.7% | 8.1% | 9.3% |
| McLean | 4,239 | 4,343 | 4,262 | 3,975 | 4,147 | 4,012 | 264 | 196 | 250 | 6.2% | 4.5% | 5.9% |
| Mercer | 5,298 | 5,275 | 5,453 | 5,002 | 5,042 | 5,095 | 296 | 233 | 358 | 5.6% | 4.4% | 6.6% |
| Morton | 12,586 | 12,541 | 12,615 | 12,012 | 12,089 | 11,914 | 574 | 452 | 701 | 4.6% | 3.6% | 5.6% |
| Oliver | 939 | 944 | 988 | 880 | 899 | 934 | 59 | 45 | 54 | 6.3% | 4.8% | 5.5% |
| Sheridan | 1,140 | 1,164 | 1,138 | 1,063 | 1,102 | 1,069 | 77 | 62 | 69 | 6.8% | 5.3% | 6.1% |
| Sioux | 1,122 | 1,175 | 1,145 | 1,010 | 1,056 | 1,027 | 112 | 119 | 118 | 10.0% | 10.1% | 10.3% |
| REGION 7 | 64,635 | 64,921 | 65,097 | 61,794 | 62,582 | 61,847 | 2,841 | 2,339 | 3,250 | 4.4% | 3.6% | 5.0% |
| Adams | 1,607 | 1,619 | 1,628 | 1,570 | 1,584 | 1,585 | 37 | 35 | 43 | 2.3% | 2.2% | 2.6% |
| Billings | 591 | 628 | 628 | 558 | 596 | 593 | 33 | 32 | 35 | 5.6% | 5.1% | 5.6% |
| Bowman | 2,005 | 2,000 | 2,067 | 1,969 | 1,968 | 2,022 | 36 | 32 | 45 | 1.8% | 1.6% | 2.2% |
| Dunn | 1,652 | 1,683 | 1,665 | 1,597 | 1,629 | 1,556 | 55 | 54 | 109 | 3.3% | 3.2% | 6.5% |
| Gldn Valley | 985 | 971 | 1,016 | 959 | 949 | 986 | 26 | 22 | 30 | 2.6% | 2.3% | 3.0% |
| Hettinger | 1,626 | 1,608 | 1,674 | 1,536 | 1,562 | 1,617 | 90 | 46 | 57 | 5.5% | 2.9% | 3.4% |
| Slope | 397 | 411 | 420 | 371 | 386 | 394 | 26 | 25 | 26 | 6.5% | 6.1% | 6.2% |
| Stark | 10,377 | 10,448 | 10,924 | 9,927 | 10,042 | 10,437 | 450 | 406 | 487 | 4.3% | 3.9% | 4.5% |
| REGION 8 | 19,240 | 19,368 | 20,022 | 18,487 | 18,716 | 19,190 | 753 | 652 | 832 | 3.9% | 3.4% | 4.2% |
| **STATE TOTALS** | 316,674 | 319,758 | 322,603 | 304,673 | 309,601 | 309,304 | 12,001 | 10,157 | 13,299 | 3.8% | 3.2% | 4.1% |

# DEFINITIONS

**EMPLOYED**: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE**: The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX**: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

# JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
**216 Second Street**
**Phone: 224-2880**

**BEULAH**
**119 East Main**
**Phone: 873-5607**

**DEVILS LAKE**
**301 South College Drive**
**Phone: 662- 2181**

**DICKINSON**
**66 Osborn Drive**
**Phone: 227-2361**

**FARGO**
**1350 32nd Street South**
**Phone: 237-7113**

**NDSU-FARGO**
**Job Information and**
**Placement Center**
**211 Ceres Hall**
**Phone: 237-7111**

**FORT TOTTEN**
**Tribal Building**
**Phone: 766-4221, Ext. 45**

**FORT YATES**
**Job Service Building**
**Phone: 854-7463**

**GRAFTON**
**927 12th St. West**
**Phone: 352-2202**

**GRAND FORKS**
**2016 South Washington**
**Phone: 777-3711**

**UND-GRAND FORKS**
**McCannel Hall- Room 141**
**Phone: 777-3904**

**HARVEY**
**119 9th St. West**
**Phone: 324-4552**

**HETTINGER**
**606 2nd Avenue North**
**Phone: 567-2156**

**JAMESTOWN**
**429 2nd Street Southwest**
**Phone: 251-2256**

**MANDAN**
**501 1st Street Northwest**
**Phone: 663-6461**

**MINOT**
**3416 North Broadway**
**Phone: 857-7650**

**NEW TOWN**
**Tribal Administration Building**
**Phone: 627-4390**

**OAKES**
**517 Main Ave.**
**PHONE: 742-2546**

**ROLLA**
**103 East Main**
**Phone: 477-5631**

**VALLEY CITY**
**2425 West Main**
**Phone: 845-7261**

**WAHPETON**
**524 2nd Avenue North**
**Phone: 671-2711**

**WILLISTON**
**422 1st Avenue West**
**Phone: 774-4370**

S6140-4

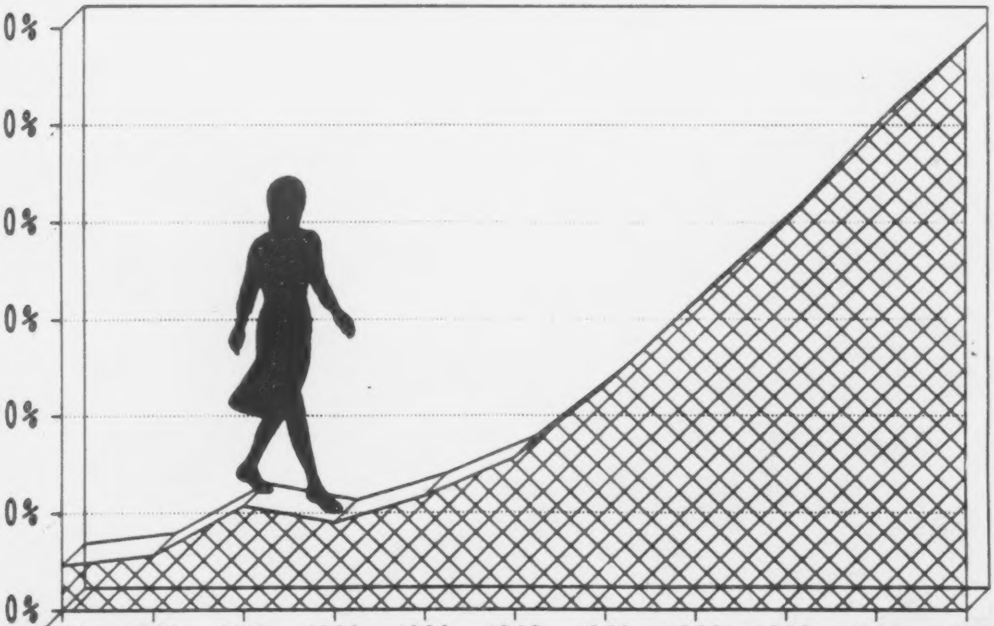
January, 1991

Volume 7, Number 1

JOB SERVICE North Dakota

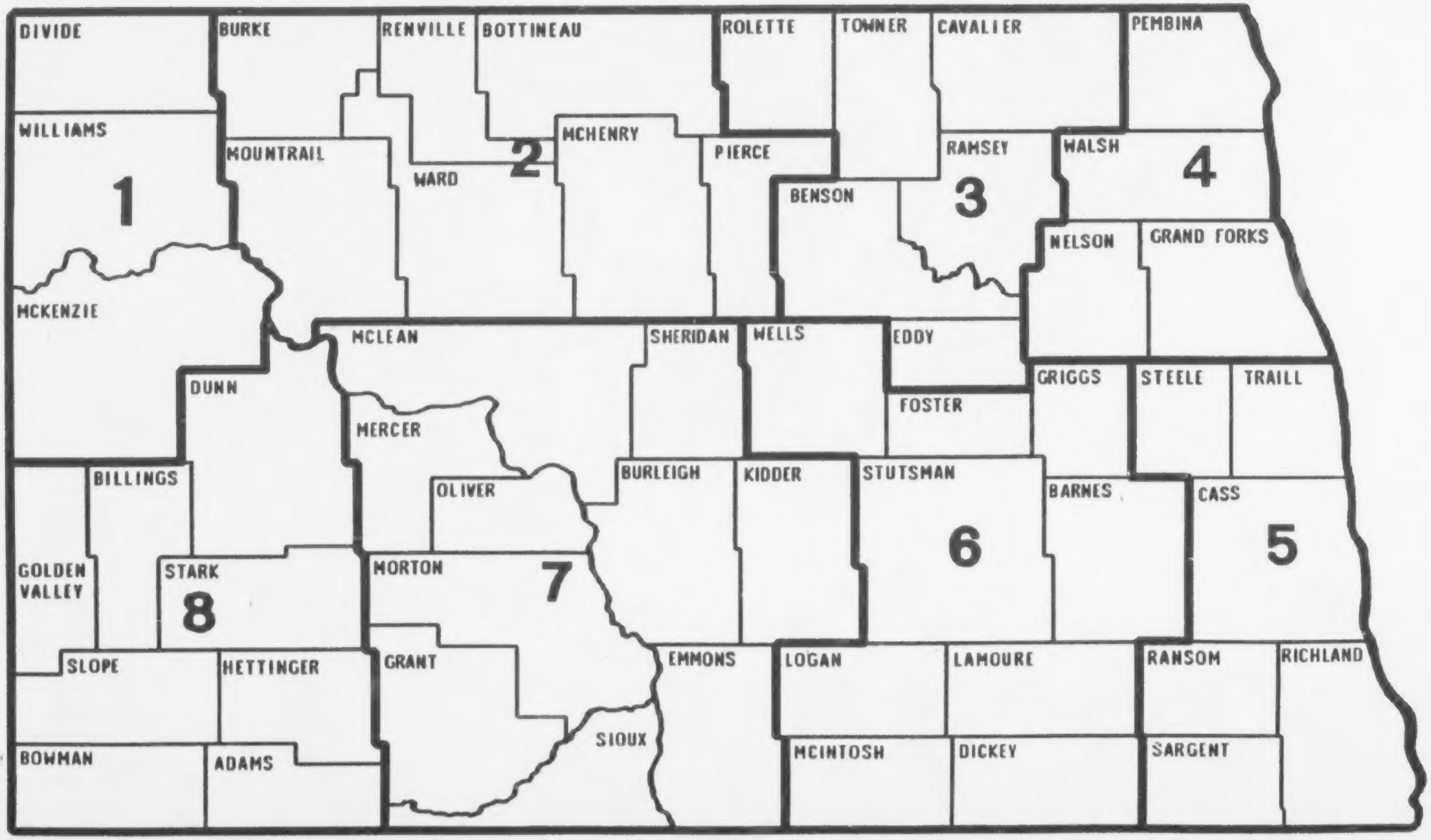
# The North Dakota Labor Market Advisor

Percentage of Labor Force Participation for Married Women from 1890 to 1989



# NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
WARD
2
MCHENRY
PIERCE
BENSON
RAMSEY
3
WALSH
4
1
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
GRIGGS
STEELE
TRAILL
DUNN
MERCER
FOSTER
BILLINGS
OLIVER
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
GOLDEN VALLEY
STARK
8
MORTON
7
6
5
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

# THE
# NORTH DAKOTA
# LABOR MARKET ADVISOR

January, 1991

**GEORGE A. SINNER, GOVERNOR**
**STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

**Micheal V. Deisz**
**Executive Director**

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

# Women at Work

In a recent publication, Women at Work: A Changing Environment, Job Service North Dakota explores the dynamic roles of women. These roles are causing fundamental changes in employee/employer relations as well as in our society. To appreciate these changes, one needs to consider historical as well as current trends of female employment.

The United States was founded at approximately the beginning of the industrial revolution. Before this, women worked as innkeepers, domestic staff, small shop proprietors, and worked at home, producing finished products for sale in shops or open markets (the cottage industry). The industrial revolution had an immediate impact on the textile industry (a cottage industry), creating the factory system of production. With the factory system of production, textiles were no longer produced at home, creating a larger surplus of goods as well as economic opportunities for men and women. These opportunities enabled people to leave the farm and were among the reasons for urban development.

With industrialization, new technologies were developed. These technologies enabled women to be increasingly accepted as working members of society. In turn, this fostered new social interactions and social change. These changes are dynamic. Consequently, the definitions of male and female roles are continuously being redefined by society.

These societal changes can also be found in North Dakota. If trends continue, women will move from rural areas of the state to urban centers as the economic opportunities are greater in urban areas. Traditional barriers will continue to collapse as employers begin to experience shortages of labor. The use of part-time employees is likely to continue, and in some industries increase dramatically during the next decade. Currently, females are more likely than males to work part-time; however, there is growing evidence that the number of males who are working part-time will increase. Other changes include employers being encouraged to offer leave policies and other benefits that assist working families, flexible scheduling, varied career tracks and wider opportunities for a diversity of jobs. In addition, the differences in pay between men and women will continue to decrease over time. Women can be found in virtually every occupation and industry. With the developing shortage of labor, this trend is likely to continue. The traditional "male" occupations of benchwork, construction and farming will continue to become less gender-specific. Likewise, traditional "female" occupations of teaching, nursing and other service occupations already employ a significant number of males and the levels of employment in these fields by males are likely to increase.

Perhaps the greatest change is the role of married women in the workforce. Prior to 1910, most women who were employed were single. In 1989, nearly 60 percent of women who were married also were gainfully employed outside the home. This trend is likely to continue until the employment patterns of males and females are virtually the same. With more women working, it is reasonable to assume that women will also become involved in the ownership of companies. At present, many of the businesses owned by women are independent shops or are firms in which the women are self-employed. The growth of firms with female owners has dramatically increased and there is no evidence to suggest a different trend for the future.

Women at Work: A Changing Environment is a document that explores these issues and provides a base for discussion using current and historical data. If you would like to receive a copy of this report, please write to Job Service North Dakota, Research and Statistics Section, Box 1537, Bismarck, ND 58502.

**Nelse Grundvig**
**Research Analyst**

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | January 1991 | December 1990 | December 1990 | January 1990 | January 1990 |
| **TOTAL NONAG** | 263,550 | 269,400 | -2.2% | 256,950 | 2.6% |
| GOODS PRODUCING | 29,500 | 30,900 | -4.5% | 27,500 | 7.3% |
| MINING | 4,050 | 4,300 | -5.8% | 3,900 | 3.8% |
| Coal | 1,050 | 1,050 | 0.0% | 1,100 | -4.5% |
| Crude Petroleum & Nat. Gas | 2,800 | 3,000 | -6.7% | 2,600 | 7.7% |
| Other Mining | 200 | 250 | -20.0% | 200 | 0.0% |
| CONSTRUCTION | 7,700 | 8,600 | -10.5% | 7,300 | 5.5% |
| Building Construction | 2,000 | 2,300 | -13.0% | 2,200 | -9.1% |
| Street, Highway & Heavy | 1,300 | 1,500 | -13.3% | 900 | 44.4% |
| Special Trade Construction | 4,400 | 4,800 | -8.3% | 4,200 | 4.8% |
| MANUFACTURING | 17,750 | 18,000 | -1.4% | 16,300 | 8.9% |
| Durable Goods | 8,950 | 9,150 | -2.2% | 8,250 | 8.5% |
| Primary & Fab. Metals | 1,100 | 1,100 | 0.0% | 1,050 | 4.8% |
| Machinery & Trans. Equip | 5,700 | 5,750 | -0.9% | 5,350 | 6.5% |
| Machinery & Electric | 4,000 | 4,100 | -2.4% | 3,800 | 5.3% |
| Transportation Equipment | 1,700 | 1,650 | 3.0% | 1,550 | 9.7% |
| Other Durables | 2,150 | 2,300 | -6.5% | 1,850 | 16.2% |
| Lumber & Wood | 1,150 | 1,300 | -11.5% | 950 | 21.1% |
| Misc Durable | 1,000 | 1,000 | 0.0% | 900 | 11.1% |
| Nondurable Goods | 8,800 | 8,850 | -0.6% | 8,050 | 9.3% |
| Food & Kindred Products | 4,800 | 4,700 | 2.1% | 4,250 | 12.9% |
| Dairy Products | 600 | 650 | -7.7% | 650 | -7.7% |
| Bakery Products | 1,250 | 1,150 | 8.7% | 800 | 56.3% |
| Sugar & Confectionary | 1,000 | 1,000 | 0.0% | 1,000 | 0.0% |
| Other Foods | 1,950 | 1,900 | 2.6% | 1,800 | 8.3% |
| Printing & Publishing | 2,600 | 2,600 | 0.0% | 2,500 | 4.0% |
| Other Nondurable Goods | 1,400 | 1,550 | -9.7% | 1,300 | 7.7% |
| SERVICES PRODUCING | 234,050 | 238,500 | -1.9% | 229,450 | 2.0% |
| TRAN, COMM & UTILITIES | 17,100 | 17,250 | -0.9% | 16,850 | 1.5% |
| Transportation | 9,000 | 9,150 | -1.6% | 8,750 | 2.9% |
| Trucking & Warehousing | 5,000 | 5,200 | -3.8% | 4,900 | 2.0% |
| Other Transportation | 4,000 | 3,950 | 1.3% | 3,850 | 3.9% |
| Railroads | 1,850 | 1,900 | -2.6% | 1,800 | 2.8% |
| Local & Suburban Transport | 900 | 900 | 0.0% | 950 | -5.3% |
| Water, Air & Pipeline | 1,250 | 1,150 | 8.7% | 1,100 | 13.6% |
| Communications | 3,400 | 3,400 | 0.0% | 3,400 | 0.0% |
| Utilities | 4,700 | 4,700 | 0.0% | 4,700 | 0.0% |
| WHOLESALE TRADE | 19,100 | 19,500 | -2.1% | 18,900 | 1.1% |
| Durable Goods | 8,700 | 8,900 | -2.2% | 8,700 | 0.0% |
| Nondurable Goods | 10,400 | 10,600 | -1.9% | 10,200 | 2.0% |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | January 1991 | December 1990 | December 1990 | January 1990 | January 1990 |
| RETAIL TRADE | 50,800 | 53,200 | -4.5% | 48,850 | 4.0% |
| Hardware & Garden | 2,200 | 2,400 | -8.3% | 2,200 | 0.0% |
| General Merchandise | 7,700 | 8,100 | -4.9% | 6,800 | 13.2% |
| Food Stores | 7,200 | 7,400 | -2.7% | 6,900 | 4.3% |
| Auto & Service Stations | 6,700 | 6,800 | -1.5% | 6,700 | 0.0% |
| Apparel & Accessory | 2,500 | 2,800 | -10.7% | 2,600 | -3.8% |
| Furniture Stores | 1,600 | 1,700 | -5.9% | 1,650 | -3.0% |
| Eating & Drinking Places | 17,400 | 18,200 | -4.4% | 16,800 | 3.6% |
| Misc Retail | 5,500 | 5,800 | -5.2% | 5,200 | 5.8% |
| FINANCE,INS & REAL ESTATE | 12,400 | 12,500 | -0.8% | 12,300 | 0.8% |
| Finance | 6,600 | 6,650 | -0.8% | 6,550 | 0.8% |
| Banking | 5,700 | 5,700 | 0.0% | 5,600 | 1.8% |
| Other Finance | 900 | 950 | -5.3% | 950 | -5.3% |
| Insurance | 3,950 | 3,950 | 0.0% | 3,900 | 1.3% |
| Insurance Underwriters | 2,500 | 2,500 | 0.0% | 2,500 | 0.0% |
| Ins. Agents & Brokers | 1,450 | 1,450 | 0.0% | 1,400 | 3.6% |
| Real Estate | 1,850 | 1,900 | -2.6% | 1,850 | 0.0% |
| SERVICES | 69,450 | 70,150 | -1.0% | 66,650 | 4.2% |
| Lodging | 4,500 | 4,700 | -4.3% | 4,300 | 4.7% |
| Personal & Business | 8,400 | 8,500 | -1.2% | 8,100 | 3.7% |
| Personal Services | 3,200 | 3,200 | 0.0% | 3,200 | 0.0% |
| Business Services | 5,200 | 5,300 | -1.9% | 4,900 | 6.1% |
| Recreational Services | 2,200 | 2,200 | 0.0% | 2,100 | 4.8% |
| Health Services | 29,000 | 29,100 | -0.3% | 27,600 | 5.1% |
| Nursing & Hospital | 21,200 | 21,200 | 0.0% | 20,100 | 5.5% |
| Other Health | 7,800 | 7,900 | -1.3% | 7,500 | 4.0% |
| Membership Organizations | 8,200 | 8,300 | -1.2% | 8,100 | 1.2% |
| Educational Services | 3,000 | 3,100 | -3.2% | 3,000 | 0.0% |
| Social Services | 6,800 | 6,800 | 0.0% | 6,300 | 7.9% |
| Other Services | 7,350 | 7,450 | -1.3% | 7,150 | 2.8% |
| Auto & Misc Repair | 2,400 | 2,400 | 0.0% | 2,300 | 4.3% |
| Legal Services | 1,450 | 1,450 | 0.0% | 1,450 | 0.0% |
| Misc Services | 3,500 | 3,600 | -2.8% | 3,400 | 2.9% |
| GOVERNMENT | 65,200 | 65,900 | -1.1% | 65,900 | -1.1% |
| Federal | 10,000 | 10,000 | 0.0% | 10,400 | -3.8% |
| State & Local | 55,200 | 55,900 | -1.3% | 55,500 | -0.5% |
| State Government | 19,900 | 20,200 | -1.5% | 19,900 | 0.0% |
| Educational Services | 12,900 | 13,300 | -3.0% | 13,000 | -0.8% |
| Other State Government | 7,000 | 6,900 | 1.4% | 6,900 | 1.4% |
| Local Government | 35,300 | 35,700 | -1.1% | 35,600 | -0.8% |
| Educational Services | 17,700 | 17,900 | -1.1% | 18,200 | -2.7% |
| Other Local Government | 17,600 | 17,800 | -1.1% | 17,400 | 1.1% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | January 1991 | December 1990 | December 1990 | January 1990 | January 1990 |
| **FARGO-MOORHEAD MSA** | | | | | |
| **TOTAL NONAG** | 78,450 | 79,950 | -1.9% | 75,250 | 4.3% |
| **GOODS PRODUCING** | 8,500 | 9,250 | -8.1% | 7,950 | 6.9% |
| **MINING & CONSTRUCTION** | 2,800 | 3,350 | -16.4% | 2,750 | 1.8% |
| Special Trades | 1,700 | 1,450 | 17.2% | 1,700 | 0.0% |
| Other Construction & Mining | 1,100 | 1,900 | -42.1% | 1,050 | 4.8% |
| **MANUFACTURING** | 5,700 | 5,900 | -3.4% | 5,200 | 9.6% |
| **Durable Goods** | 2,800 | 2,950 | -5.1% | 2,450 | 14.3% |
| Fabricated Metal & Machinery | 1,500 | 1,550 | -3.2% | 1,400 | 7.1% |
| Other Durable Goods | 1,300 | 1,400 | -7.1% | 1,050 | 23.8% |
| **Nondurable Goods** | 2,900 | 2,950 | -1.7% | 2,750 | 5.5% |
| Food & Kindred | 1,900 | 1,950 | -2.6% | 1,750 | 8.6% |
| Other Nondurables | 1,000 | 1,000 | 0.0% | 1,000 | 0.0% |
| **SERVICES PRODUCING** | 69,950 | 70,700 | -1.1% | 67,300 | 3.9% |
| **TRANS, COMM & UTIL** | 4,700 | 4,800 | -2.1% | 4,500 | 4.4% |
| Trucking & Warehousing | 950 | 950 | 0.0% | 950 | 0.0% |
| Other Transportation | 2,200 | 2,300 | -4.3% | 2,000 | 10.0% |
| Communications & Utilities | 1,550 | 1,550 | 0.0% | 1,550 | 0.0% |
| **WHOLESALE TRADE** | 6,700 | 6,800 | -1.5% | 6,600 | 1.5% |
| Durable | 3,700 | 3,800 | -2.6% | 3,700 | 0.0% |
| Nondurable | 3,000 | 3,000 | 0.0% | 2,900 | 3.4% |
| **RETAIL TRADE** | 16,100 | 16,700 | -3.6% | 15,100 | 6.6% |
| General Merchandise & Apparel | 3,300 | 3,500 | -5.7% | 3,100 | 6.5% |
| Food Stores | 2,100 | 2,200 | -4.5% | 1,850 | 13.5% |
| Auto Dealers & Svc. Stations | 2,000 | 2,000 | 0.0% | 1,950 | 2.6% |
| Eating & Drinking Places | 5,900 | 6,100 | -3.3% | 5,500 | 7.3% |
| Other Retail | 2,800 | 2,900 | -3.4% | 2,700 | 3.7% |
| **FINANCE, INS & R E** | 4,650 | 4,650 | 0.0% | 4,450 | 4.5% |
| Finance | 2,000 | 2,000 | 0.0% | 1,950 | 2.6% |
| Insurance Carriers | 1,550 | 1,550 | 0.0% | 1,500 | 3.3% |
| Other Fin, Ins. & R.Estate | 1,100 | 1,100 | 0.0% | 1,000 | 10.0% |
| **SERVICES** | 22,350 | 22,500 | -0.7% | 21,300 | 4.9% |
| Lodging | 1,350 | 1,350 | 0.0% | 1,300 | 3.8% |
| Personal & Business | 3,800 | 3,800 | 0.0% | 3,600 | 5.6% |
| Recreation & Amusement | 850 | 850 | 0.0% | 800 | 6.3% |
| Health Services | 8,200 | 8,200 | 0.0% | 7,700 | 6.5% |
| Educational Services | 2,200 | 2,300 | -4.3% | 2,100 | 4.8% |
| Social Services | 1,700 | 1,700 | 0.0% | 1,650 | 3.0% |
| Membership Services | 1,550 | 1,600 | -3.1% | 1,550 | 0.0% |
| Other Services | 2,700 | 2,700 | 0.0% | 2,600 | 3.8% |
| **GOVERNMENT** | 15,450 | 15,250 | 1.3% | 15,350 | 0.7% |
| **Federal** | 2,300 | 2,300 | 0.0% | 2,300 | 0.0% |
| **State** | 6,250 | 6,250 | 0.0% | 6,250 | 0.0% |
| State School | 5,700 | 5,700 | 0.0% | 5,700 | 0.0% |
| Other State | 550 | 550 | 0.0% | 550 | 0.0% |
| **Local** | 6,900 | 6,700 | 3.0% | 6,800 | 1.5% |
| Local School | 4,200 | 4,100 | 2.4% | 4,200 | 0.0% |
| Other Local | 2,700 | 2,600 | 3.8% | 2,600 | 3.8% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH January 1991 | PREVIOUS MONTH December 1990 | % CHANGE FROM December 1990 | ONE YEAR AGO January 1990 | % CHANGE FROM January 1990 |
|---|---|---|---|---|---|
| **GRAND FORKS MSA** | | | | | |
| **TOTAL** | 31,650 | 32,600 | -2.9% | 30,800 | 2.8% |
| GOODS PRODUCING | 2,500 | 2,650 | -5.7% | 2,500 | 0.0% |
| MINING & CONSTRUCTION | 900 | 1,000 | -10.0% | 1,000 | -10.0% |
| MANUFACTURING | 1,600 | 1,650 | -3.0% | 1,500 | 6.7% |
| Durable Goods | 650 | 650 | 0.0% | 500 | 30.0% |
| Nondurable Goods | 950 | 1,000 | -5.0% | 1,000 | -5.0% |
| SERVICES PRODUCING | 29,150 | 29,950 | -2.7% | 28,300 | 3.0% |
| TRANS, COMM. & UTIL. | 1,700 | 1,700 | 0.0% | 1,700 | 0.0% |
| Transportation | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| Communications & Utilities | 650 | 650 | 0.0% | 700 | -7.1% |
| WHOLESALE TRADE | 1,550 | 1,600 | -3.1% | 1,500 | 3.3% |
| RETAIL TRADE | 7,700 | 8,200 | -6.1% | 7,350 | 4.8% |
| General Merchandise & Apparel | 2,200 | 2,300 | -4.3% | 1,950 | 12.8% |
| Eating & Drinking Places | 2,700 | 2,900 | -6.9% | 2,600 | 3.8% |
| Other Retail | 2,800 | 3,000 | -6.7% | 2,800 | 0.0% |
| FINANCE, INS. & R E | 1,050 | 1,050 | 0.0% | 1,100 | -4.5% |
| SERVICES | 7,450 | 7,350 | 1.4% | 6,950 | 7.2% |
| Personal & Business | 1,050 | 1,050 | 0.0% | 950 | 10.5% |
| Health | 3,000 | 2,900 | 3.4% | 2,800 | 7.1% |
| Other Services | 3,400 | 3,400 | 0.0% | 3,200 | 6.3% |
| GOVERNMENT | 9,700 | 10,050 | -3.5% | 9,700 | 0.0% |
| Federal | 1,550 | 1,550 | 0.0% | 1,550 | 0.0% |
| State | 5,550 | 5,950 | -6.7% | 5,550 | 0.0% |
| State School | 5,100 | 5,500 | -7.3% | 5,100 | 0.0% |
| Other State | 450 | 450 | 0.0% | 450 | 0.0% |
| Local | 2,600 | 2,550 | 2.0% | 2,600 | 0.0% |
| Local School | 1,450 | 1,400 | 3.6% | 1,400 | 3.6% |
| Other Local | 1,150 | 1,150 | 0.0% | 1,200 | -4.2% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH January 1991 | PREVIOUS MONTH December 1990 | % CHANGE FROM December 1990 | ONE YEAR AGO January 1990 | % CHANGE FROM January 1990 |
|---|---|---|---|---|---|
| **BISMARCK MSA** | | | | | |
| **TOTAL** | 40,050 | 41,050 | -2.4% | 38,300 | 4.6% |
| GOODS PRODUCING | 3,800 | 4,200 | -9.5% | 3,450 | 10.1% |
| MINING & CONSTRUCTION | 1,600 | 1,850 | -13.5% | 1,400 | 14.3% |
| MANUFACTURING | 2,200 | 2,350 | -6.4% | 2,050 | 7.3% |
| Durable Goods | 900 | 950 | -5.3% | 850 | 5.9% |
| Nondurable Goods | 1,300 | 1,400 | -7.1% | 1,200 | 8.3% |
| SERVICES PRODUCING | 36,250 | 36,850 | -1.6% | 34,850 | 4.0% |
| TRANS, COMM. & UTIL. | 2,800 | 2,800 | 0.0% | 2,750 | 1.8% |
| Transportation | 1,200 | 1,200 | 0.0% | 1,100 | 9.1% |
| Communications & Utilities | 1,600 | 1,600 | 0.0% | 1,650 | -3.0% |
| WHOLESALE TRADE | 2,100 | 2,200 | -4.5% | 2,200 | -4.5% |
| RETAIL TRADE | 8,200 | 8,600 | -4.7% | 7,900 | 3.8% |
| General Merchandise & Apparel | 1,850 | 1,950 | -5.1% | 1,750 | 5.7% |
| Food Stores | 1,000 | 1,050 | -4.8% | 1,050 | -4.8% |
| Auto Dealers & Svc. Stations | 1,000 | 1,100 | -9.1% | 1,050 | -4.8% |
| Eating & Drinking Places | 2,700 | 2,800 | -3.6% | 2,500 | 8.0% |
| Other Retail | 1,650 | 1,700 | -2.9% | 1,550 | 6.5% |
| FINANCE, INS. & R E | 1,500 | 1,500 | 0.0% | 1,500 | 0.0% |
| SERVICES | 12,700 | 12,750 | -0.4% | 11,900 | 6.7% |
| Lodging | 1,000 | 1,000 | 0.0% | 900 | 11.1% |
| Personal & Business | 1,450 | 1,450 | 0.0% | 1,400 | 3.6% |
| Health Services | 5,300 | 5,400 | -1.9% | 4,800 | 10.4% |
| Educational Services | 850 | 850 | 0.0% | 850 | 0.0% |
| Social Services | 1,200 | 1,150 | 4.3% | 1,100 | 9.1% |
| Membership Services | 1,300 | 1,300 | 0.0% | 1,250 | 4.0% |
| Other Services | 1,600 | 1,600 | 0.0% | 1,600 | 0.0% |
| GOVERNMENT | 8,950 | 9,000 | -0.6% | 8,600 | 4.1% |
| Federal | 1,050 | 1,100 | -4.5% | 1,100 | -4.5% |
| State | 4,200 | 4,050 | 3.7% | 3,900 | 7.7% |
| State Schools | 300 | 350 | -14.3% | 300 | 0.0% |
| Other State | 3,900 | 3,700 | 5.4% | 3,600 | 8.3% |
| Local | 3,700 | 3,850 | -3.9% | 3,600 | 2.8% |
| Local Schools | 2,100 | 2,200 | -4.5% | 2,100 | 0.0% |
| Other Local | 1,600 | 1,650 | -3.0% | 1,500 | 6.7% |

## UNITED STATES

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | JAN 1991 | DEC 1990 | JAN 1990 | JAN 1991 | DEC 1990 | JAN 1990 | JAN 1991 | DEC 1990 | JAN 1990 |
| MANUFACTURING | 443.51 | 457.19 | 430.36 | 40.1 | 41.3 | 40.6 | 11.06 | 11.07 | 10.60 |
| Durable Goods | 470.15 | 486.04 | 455.67 | 40.6 | 41.9 | 41.2 | 11.58 | 11.60 | 11.06 |
| Nondurable Goods | 409.62 | 420.21 | 396.81 | 39.5 | 40.6 | 39.8 | 10.37 | 10.35 | 9.97 |

## NORTH DAKOTA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | JAN 1991 | DEC 1990 | JAN 1990 | JAN 1991 | DEC 1990 | JAN 1990 | JAN 1991 | DEC 1990 | JAN 1990 |
| MANUFACTURING | 379.05 | 351.35 | 349.27 | 41.7 | 40.2 | 39.6 | 9.09 | 8.74 | 8.82 |
| Durable Goods | 379.09 | 371.43 | 366.12 | 40.2 | 41.5 | 40.5 | 9.43 | 8.95 | 9.04 |
| Nondurable Goods | 380.19 | 328.56 | 329.56 | 43.6 | 38.7 | 38.5 | 8.72 | 8.49 | 8.56 |
| Food & Kindred | 363.38 | 338.66 | 350.28 | 42.7 | 41.1 | 41.8 | 8.51 | 8.24 | 8.38 |

## FARGO-MOORHEAD MSA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | JAN 1991 | DEC 1990 | JAN 1990 | JAN 1991 | DEC 1990 | JAN 1990 | JAN 1991 | DEC 1990 | JAN 1990 |
| MANUFACTURING | 335.62 | 333.26 | 339.39 | 38.8 | 38.0 | 39.1 | 8.65 | 8.77 | 8.68 |
| Durable Goods | 318.74 | 329.56 | 302.50 | 37.9 | 38.5 | 37.3 | 8.41 | 8.56 | 8.11 |
| Nondurable Goods | 350.86 | 336.75 | 376.79 | 39.6 | 37.5 | 41.0 | 8.86 | 8.98 | 9.19 |

# LABOR FORCE

## NORTH DAKOTA AND MSA'S

|  | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
|  | JAN 1991 | DEC 1990 | DEC 1990 | JAN 1990 | JAN 1990 |
| **UNITED STATES** |  |  |  |  |  |
| (In Thousands) |  |  |  |  |  |
| Labor Force | 126,253 | 126,791 | -0.4% | 126,094 | 0.1% |
| Employment | 118,538 | 119,191 | -0.5% | 119,559 | -0.9% |
| Unemployment | 7,715 | 7,600 | 1.5% | 6,535 | 18.1% |
| Unemployment Rate | 6.1% | 6.0% | xxx | 5.2% | xxx |
| **NORTH DAKOTA** |  |  |  |  |  |
| Labor Force | 312,300 | 316,850 | -1.4% | 319,150 | -2.1% |
| Employment | 298,270 | 304,660 | -2.1% | 302,900 | -1.5% |
| Unemployment | 14,030 | 12,190 | 15.1% | 16,250 | -13.7% |
| Unemployment Rate | 4.5% | 3.8% | xxx | 5.1% | xxx |
| **FARGO-MOORHEAD MSA** |  |  |  |  |  |
| Labor Force | 88,990 | 89,460 | -0.5% | 87,070 | 2.2% |
| Employment | 85,290 | 86,930 | -1.9% | 84,090 | 1.4% |
| Unemployment | 3,700 | 2,530 | 46.2% | 2,980 | 24.2% |
| Unemployment Rate | 4.2% | 2.8% | xxx | 3.4% | xxx |
| **GRAND FORKS MSA** |  |  |  |  |  |
| Labor Force | 34,700 | 35,950 | -3.5% | 35,670 | -2.7% |
| Employment | 33,590 | 34,830 | -3.6% | 34,140 | -1.6% |
| Unemployment | 1,110 | 1,120 | -0.9% | 1,530 | -27.5% |
| Unemployment Rate | 3.2% | 3.1% | xxx | 4.3% | xxx |
| **BISMARCK MSA** |  |  |  |  |  |
| Labor Force | 46,380 | 45,780 | 1.3% | 46,280 | 0.2% |
| Employment | 44,130 | 44,000 | 0.3% | 43,890 | 0.5% |
| Unemployment | 2,250 | 1,780 | 26.4% | 2,390 | -5.9% |
| Unemployment Rate | 4.8% | 3.9% | xxx | 5.2% | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
DEC 1990

|  | NORTH DAKOTA | MINNESOTA | SOUTH DAKOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 316.9 | 2,424.5 | 355.7 | 394.8 |
| Employment | 304.7 | 2,304.8 | 344.4 | 368.0 |
| Unemployment | 12.2 | 119.7 | 11.3 | 26.8 |
| Unemployment Rate | 3.8% | 4.9% | 3.2% | 6.8% |

## U. S. CONSUMER PRICE INDEX

## ALL URBAN CONSUMERS

(1982-84=100)

| ITEM | ANNUAL AVERAGE 1990 | JAN 1991 | DEC 1990 | Percent Change From DEC 1990 | JAN 1990 | Percent Change From JAN 1990 |
|---|---|---|---|---|---|---|
| All Items | 130.7 | 134.6 | 133.8 | 0.6% | 127.4 | 5.7% |
| Food & Beverage | 132.1 | 135.9 | 133.9 | 1.5% | 130.0 | 4.5% |
| Housing | 128.5 | 131.8 | 130.5 | 1.0% | 125.9 | 4.7% |
| Apparel & Upkeep | 124.1 | 123.8 | 125.3 | -1.2% | 116.7 | 6.1% |
| Transportation | 120.5 | 125.5 | 127.2 | -1.3% | 117.2 | 7.1% |
| Medical Care | 162.8 | 171.0 | 169.2 | 1.1% | 155.9 | 9.7% |
| Entertainment | 132.4 | 135.5 | 134.6 | 0.7% | 129.9 | 4.3% |
| All Other | 159.0 | 166.5 | 164.5 | 1.2% | 154.0 | 8.1% |

## PRODUCER PRICE INDEX

## UNITED STATES AVERAGE

| ITEM | ANNUAL AVERAGE 1990 | JAN 1991 | DEC 1990 | Percent Change From DEC 1990 | JAN 1990 | Percent Change From JAN 1990 |
|---|---|---|---|---|---|---|
| All Commodities | 116.3 | 118.9 | 118.6 | 0.3% | 114.9 | 3.5% |
| Farm Products & Processed Foods and Feeds | 118.6 | 117.0 | 117.0 | 0.0% | 118.2 | -1.0% |
| Industrial Commodities | 115.8 | 119.3 | 118.9 | 0.3% | 114.2 | 4.5% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | JAN'91 | DEC'90 | JAN'90 | JAN'91 | DEC'90 | JAN'90 | JAN'91 | DEC'90 | JAN'90 | JAN'91 | DEC'90 | JAN'90 |
| Divide | 1,261 | 1,250 | 1,320 | 1,206 | 1,217 | 1,294 | 55 | 33 | 26 | 4.4% | 2.6% | 2.0% |
| McKenzie | 2,441 | 2,441 | 2,664 | 2,316 | 2,361 | 2,570 | 125 | 80 | 94 | 5.1% | 3.3% | 3.5% |
| Williams | 10,231 | 10,581 | 10,829 | 9,886 | 10,227 | 10,255 | 345 | 354 | 574 | 3.4% | 3.3% | 5.3% |
| REGION 1 | 13,933 | 14,272 | 14,813 | 13,408 | 13,805 | 14,119 | 525 | 467 | 694 | 3.8% | 3.3% | 4.7% |
| Bottineau | 2,991 | 3,020 | 3,196 | 2,817 | 2,879 | 2,990 | 174 | 141 | 206 | 5.8% | 4.7% | 6.4% |
| Burke | 1,191 | 1,215 | 1,307 | 1,154 | 1,168 | 1,229 | 37 | 47 | 78 | 3.1% | 3.9% | 6.0% |
| McHenry | 2,270 | 2,367 | 2,517 | 2,031 | 2,108 | 2,150 | 239 | 259 | 367 | 10.5% | 10.9% | 14.6% |
| Mountrail | 3,006 | 3,150 | 3,120 | 2,824 | 2,968 | 2,880 | 182 | 182 | 240 | 6.1% | 5.8% | 7.7% |
| Pierce | 2,191 | 2,280 | 2,375 | 2,107 | 2,198 | 2,283 | 84 | 82 | 92 | 3.8% | 3.6% | 3.9% |
| Renville | 1,085 | 1,119 | 1,079 | 1,018 | 1,065 | 1,022 | 67 | 54 | 57 | 6.2% | 4.8% | 5.3% |
| Ward | 25,227 | 25,471 | 25,494 | 23,895 | 24,414 | 24,071 | 1,332 | 1,057 | 1,423 | 5.3% | 4.1% | 5.6% |
| REGION 2 | 37,961 | 38,622 | 39,088 | 35,846 | 36,800 | 36,625 | 2,115 | 1,822 | 2,463 | 5.6% | 4.7% | 6.3% |
| Benson | 2,510 | 2,706 | 2,657 | 2,318 | 2,465 | 2,341 | 192 | 241 | 316 | 7.6% | 8.9% | 11.9% |
| Cavalier | 2,371 | 2,372 | 2,476 | 2,211 | 2,248 | 2,300 | 160 | 124 | 176 | 6.7% | 5.2% | 7.1% |
| Eddy | 1,209 | 1,269 | 1,360 | 1,090 | 1,130 | 1,204 | 119 | 139 | 156 | 9.8% | 11.0% | 11.5% |
| Ramsey | 6,384 | 6,453 | 6,567 | 6,089 | 6,221 | 6,256 | 295 | 232 | 311 | 4.6% | 3.6% | 4.7% |
| Rolette | 4,108 | 4,275 | 4,219 | 3,694 | 3,766 | 3,645 | 414 | 509 | 574 | 10.1% | 11.9% | 13.6% |
| Towner | 1,589 | 1,727 | 1,642 | 1,523 | 1,666 | 1,554 | 66 | 61 | 88 | 4.2% | 3.5% | 5.4% |
| REGION 3 | 18,171 | 18,802 | 18,921 | 16,925 | 17,496 | 17,300 | 1,246 | 1,306 | 1,621 | 6.9% | 6.9% | 8.6% |
| Grand Forks | 34,695 | 35,941 | 35,666 | 33,589 | 34,826 | 34,139 | 1,106 | 1,115 | 1,527 | 3.2% | 3.1% | 4.3% |
| Nelson | 1,762 | 1,744 | 1,832 | 1,641 | 1,663 | 1,723 | 121 | 81 | 109 | 6.9% | 4.6% | 5.9% |
| Pembina | 4,664 | 4,794 | 4,954 | 4,291 | 4,458 | 4,469 | 373 | 336 | 485 | 8.0% | 7.0% | 9.8% |
| Walsh | 6,987 | 7,223 | 7,551 | 6,635 | 6,895 | 7,165 | 352 | 328 | 386 | 5.0% | 4.5% | 5.1% |
| REGION 4 | 48,108 | 49,702 | 50,003 | 46,156 | 47,842 | 47,496 | 1,952 | 1,860 | 2,507 | 4.1% | 3.7% | 5.0% |
| Cass | 61,297 | 62,698 | 61,607 | 59,924 | 61,378 | 59,904 | 1,373 | 1,320 | 1,703 | 2.2% | 2.1% | 2.8% |
| Ransom | 2,454 | 2,439 | 2,552 | 2,390 | 2,367 | 2,465 | 64 | 72 | 87 | 2.6% | 3.0% | 3.4% |
| Richland | 8,421 | 8,467 | 8,609 | 8,141 | 8,207 | 8,260 | 280 | 260 | 349 | 3.3% | 3.1% | 4.1% |
| Sargent | 2,608 | 2,594 | 2,633 | 2,543 | 2,552 | 2,576 | 65 | 42 | 57 | 2.5% | 1.6% | 2.2% |
| Steele | 953 | 949 | 988 | 904 | 930 | 928 | 49 | 19 | 60 | 5.1% | 2.0% | 6.1% |
| Traill | 3,921 | 4,031 | 4,051 | 3,757 | 3,907 | 3,904 | 164 | 124 | 147 | 4.2% | 3.1% | 3.6% |
| REGION 5 | 79,654 | 81,178 | 80,440 | 77,659 | 79,341 | 78,037 | 1,995 | 1,837 | 2,403 | 2.5% | 2.3% | 3.0% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | JAN'91 | DEC'90 | JAN'90 | JAN'91 | DEC'90 | JAN'90 | JAN'91 | DEC'90 | JAN'90 | JAN'91 | DEC'90 | JAN'90 |
| Barnes | 5,493 | 5,492 | 5,467 | 5,204 | 5,313 | 5,159 | 289 | 179 | 308 | 5.3% | 3.3% | 5.6% |
| Dickey | 2,862 | 2,882 | 2,907 | 2,734 | 2,801 | 2,819 | 128 | 81 | 88 | 4.5% | 2.8% | 3.0% |
| Foster | 2,026 | 2,055 | 2,121 | 1,907 | 1,929 | 1,994 | 119 | 126 | 127 | 5.9% | 6.1% | 6.0% |
| Griggs | 1,329 | 1,367 | 1,454 | 1,278 | 1,316 | 1,360 | 51 | 51 | 94 | 3.8% | 3.7% | 6.5% |
| La Moure | 2,106 | 2,125 | 2,219 | 2,018 | 2,038 | 2,112 | 88 | 87 | 107 | 4.2% | 4.1% | 4.8% |
| Logan | 1,250 | 1,307 | 1,347 | 1,208 | 1 254 | 1,307 | 42 | 53 | 40 | 3.4% | 4.1% | 3.0% |
| McIntosh | 2,052 | 2,128 | 2,160 | 2,029 | 2,089 | 2,114 | 23 | 39 | 46 | 1.1% | 1.8% | 2.1% |
| Stutsman | 10,964 | 11,092 | 11,442 | 10,388 | 10,683 | 10,888 | 576 | 409 | 554 | 5.3% | 3.7% | 4.8% |
| Wells | 2,615 | 2,620 | 2,705 | 2,358 | 2,422 | 2,455 | 257 | 198 | 250 | 9.8% | 7.6% | 9.2% |
| REGION 6 | 30,697 | 31,068 | 31,822 | 29,124 | 29,845 | 30,208 | 1,573 | 1,223 | 1,614 | 5.1% | 3.9% | 5.1% |
| Burleigh | 33,859 | 33,482 | 33,784 | 32,384 | 32,286 | 32,210 | 1,475 | 1,196 | 1,574 | 4.4% | 3.6% | 4.7% |
| Emmons | 1,945 | 1,973 | 2,027 | 1,830 | 1,866 | 1,884 | 115 | 107 | 143 | 5.9% | 5.4% | 7.1% |
| Grant | 1,564 | 1,553 | 1,543 | 1,487 | 1,499 | 1,475 | 77 | 54 | 68 | 4.9% | 3.5% | 4.4% |
| Kidder | 1,394 | 1,410 | 1,454 | 1,257 | 1,286 | 1,283 | 137 | 124 | 171 | 9.8% | 8.8% | 11.8% |
| McLean | 4,156 | 4,092 | 4,236 | 3,837 | 3,826 | 3,908 | 319 | 266 | 328 | 7.7% | 6.5% | 7.7% |
| Mercer | 5,284 | 5,336 | 5,477 | 4,892 | 5,034 | 5,027 | 392 | 302 | 450 | 7.4% | 5.7% | 8.2% |
| Morton | 12,520 | 12,295 | 12,499 | 11,747 | 11,711 | 11,683 | 773 | 584 | 816 | 6.2% | 4.7% | 6.5% |
| Oliver | 1,067 | 976 | 1,056 | 993 | 917 | 996 | 74 | 59 | 60 | 6.9% | 6.0% | 5.7% |
| Sheridan | 1,027 | 1,031 | 1,027 | 926 | 945 | 957 | 101 | 86 | 70 | 9.8% | 8.3% | 6.8% |
| Sioux | 1,064 | 1,100 | 979 | 970 | 983 | 856 | 94 | 117 | 123 | 8.8% | 10.6% | 12.6% |
| REGION 7 | 63,880 | 63,248 | 64,082 | 60,323 | 60,353 | 60,279 | 3,557 | 2,895 | 3,803 | 5.6% | 4.6% | 5.9% |
| Adams | 1,663 | 1,654 | 1,565 | 1,614 | 1,615 | 1,526 | 49 | 39 | 39 | 2.9% | 2.4% | 2.5% |
| Billings | 618 | 627 | 630 | 593 | 594 | 594 | 25 | 33 | 36 | 4.0% | 5.3% | 5.7% |
| Bowman | 1,911 | 1,944 | 1,931 | 1,850 | 1,909 | 1,867 | 61 | 35 | 64 | 3.2% | 1.8% | 3.3% |
| Dunn | 1,455 | 1,465 | 1,502 | 1,365 | 1,402 | 1,365 | 90 | 63 | 137 | 6.2% | 4.3% | 9.1% |
| Gldn Valley | 976 | 935 | 984 | 905 | 908 | 959 | 71 | 27 | 25 | 7.3% | 2.9% | 2.5% |
| Hettinger | 1,602 | 1,597 | 1,703 | 1,470 | 1,506 | 1,596 | 132 | 91 | 107 | 8.2% | 5.7% | 6.3% |
| Slope | 383 | 380 | 431 | 365 | 352 | 385 | 18 | 28 | 46 | 4.7% | 7.4% | 10.7% |
| Stark | 11,290 | 11,344 | 11,231 | 10,665 | 10,884 | 10,543 | 625 | 460 | 688 | 5.5% | 4.1% | 6.1% |
| | | | 19,977 | | | | | | | | | |
| REGION 8 | 19,898 | 19,946 | 19,977 | 18,827 | 19,170 | 18,835 | 1,071 | 776 | 1,142 | 5.4% | 3.9% | 5.7% |
| **STATE TOTALS** | 312,306 | 316,841 | 319,148 | 298,272 | 304,655 | 302,902 | 14,034 | 12,186 | 16,246 | 4.5% | 3.8% | 5.1% |

# DEFINITIONS

**EMPLOYED**: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE**: The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX**: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

# JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
**216 Second Street**
**Phone: 224-2880**

**BEULAH**
**119 East Main**
**Phone: 873-5607**

**DEVILS LAKE**
**301 South College Drive**
**Phone: 662- 2181**

**DICKINSON**
**66 Osborn Drive**
**Phone: 227-2361**

**FARGO**
**1350 32nd Street South**
**Phone: 237-7113**

**NDSU-FARGO**
**Job Information and**
**Placement Center**
**211 Ceres Hall**
**Phone: 237-7111**

**FORT TOTTEN**
**Tribal Building**
**Phone: 766-4221, Ext. 45**

**FORT YATES**
**Job Service Building**
**Phone: 854-7463**

**GRAFTON**
**927 12th St. West**
**Phone: 352-2202**

**GRAND FORKS**
**2016 South Washington**
**Phone: 777-3711**

**UND-GRAND FORKS**
**McCannel Hall- Room 141**
**Phone: 777-3904**

**HARVEY**
**119 9th St. West**
**Phone: 324-4552**

**HETTINGER**
**606 2nd Avenue North**
**Phone: 567-2156**

**JAMESTOWN**
**429 2nd Street Southwest**
**Phone: 251-2256**

**MANDAN**
**501 1st Street Northwest**
**Phone: 663-6461**

**MINOT**
**3416 North Broadway**
**Phone: 857-7650**

**NEW TOWN**
**Tribal Administration Building**
**Phone: 627-4390**

**OAKES**
**517 Main Ave.**
**PHONE: 742-2546**

**ROLLA**
**103 East Main**
**Phone: 477-5631**

**VALLEY CITY**
**2425 West Main**
**Phone: 845-7261**

**WAHPETON**
**524 2nd Avenue North**
**Phone: 671-2711**

**WILLISTON**
**422 1st Avenue West**
**Phone: 774-4370**

S6140-4

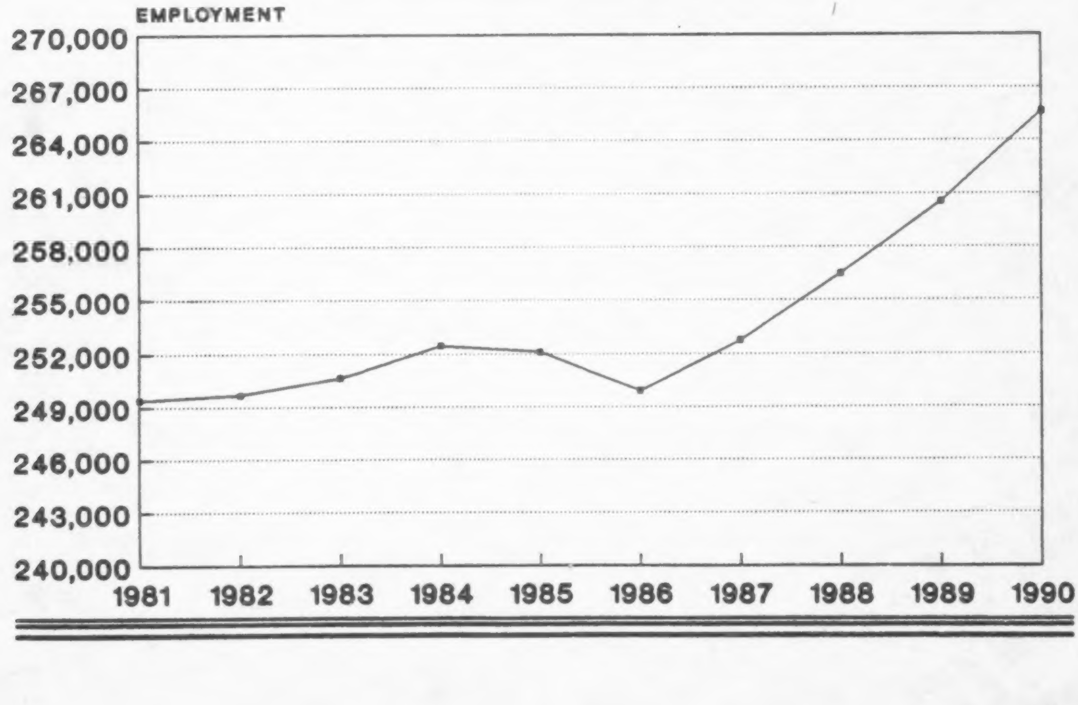
February, 1991

Volume 7, Number 2

JOB
SERVICE
North Dakota

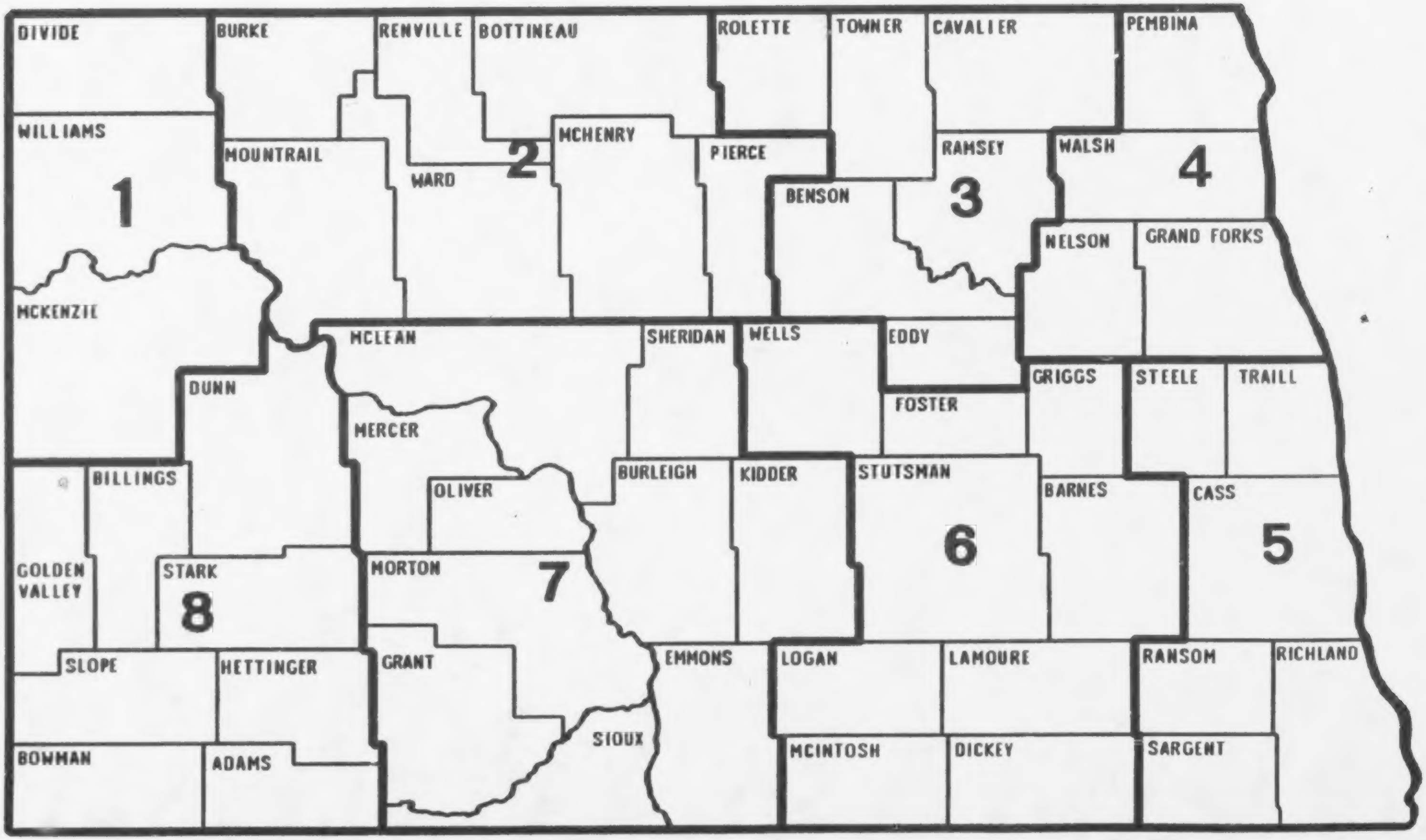
# The North Dakota Labor Market Advisor

NORTH DAKOTA
ANNUAL AVERAGE EMPLOYMENT
1981-1990



# NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
2
MCHENRY
PIERCE
RAMSEY
WALSH
4
WARD
BENSON
1
3
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
DUNN
GRIGGS
STEELE
TRAILL
MERCER
FOSTER
BILLINGS
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
OLIVER
GOLDEN VALLEY
STARK
MORTON
7
6
5
8
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

# THE
# NORTH DAKOTA
# LABOR MARKET ADVISOR

February, 1991

**GEORGE A. SINNER, GOVERNOR**
**STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

**Micheal V. Deisz**
**Executive Director**

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

# 1990-THE YEAR IN REVIEW

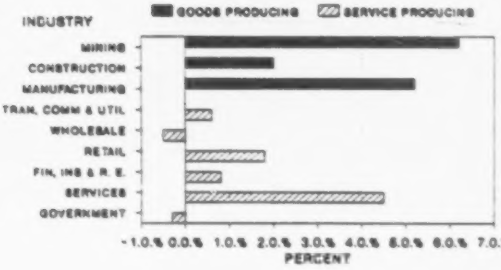
*Statewide nonag wage and salary employment reached 265,650 in 1990, showing an increase of 2.0% from 1989. In this article, we will review the areas that contributed to this increase.*

---

## Statewide

After remaining relatively stable near the 250,000 level between 1981 and 1986, total nonag wage and salary employment has added 15,000 workers in the past four years. Over 5,000 were added between 1989 and 1990. Employment in the goods-producing industries recorded a 4.3% increase in 1990, after showing a decrease every year since 1981. Employment in the service-producing sector stayed in line with the experience of the past three years, increasing 1.7% in 1990.

NORTH DAKOTA
PERCENT EMPLOYMENT CHANGE
1989-1990



After reaching its lowest level since 1977, mining was on the rise in 1990, gaining 250 workers. The introduction of horizontal drilling, coupled with the crisis in the Persian Gulf, caused increased activity in the oil industry where employment increased by 300 in 1990.

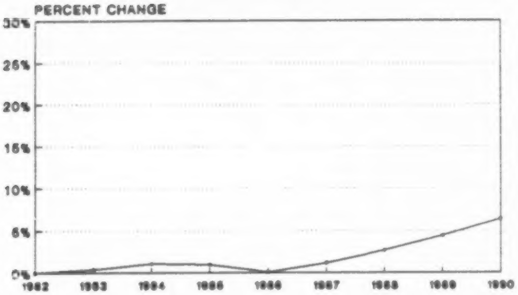
Employment in manufacturing reached a new high of 17,350 in 1990, surpassing its previous high of 16,650 set in 1979. The increase occurred in durable goods, with all areas showing growth. Machinery and electrical equipment showed the largest increase, adding 300 jobs. With the opening of new businesses in Fargo and Grand Forks, employment in the bakery products industry rose by 250 in 1990. With the continuing drought, other food and kindred industries showed drops in employment causing nondurable goods to remain unchanged over the year.

Wholesale trade was down slightly over the year, showing a loss of 100 jobs. The drop occurred in durable goods, while nondurable goods remained constant during the last three years. Retail trade rose slightly from 1989, gaining 900 jobs. Most of the gain was in eating and drinking establishments, where employment increased by 400. In late 1990, Wal-Mart Stores began opening up in North Dakota. This had a positive effect on retail trade, but the overall effect will be seen more in 1991.

The services industry showed the largest increase over the year, adding 3,000 jobs. With employment in hospitals growing in Fargo and Bismarck, together with the expansion of satellite clinics in many rural communities, employment in health services rose by 1,200 in 1990.

Government employment showed the largest decrease of all industries in 1990, with a loss of 200 jobs. Federal government showed an increase in employment of 100. State government showed a decrease in employment of 100. Local government showed an employment decrease of 200, 100 in education and 100 in other government.

NORTH DAKOTA
PERCENT EMPLOYMENT
CHANGE FROM 1982



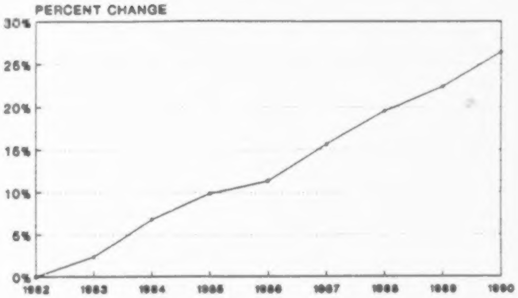
**Metropolitan Statistical Areas**

*Employment in North Dakota's three Metropolitan Statistical Areas (MSA's) is continuing to grow at a faster rate than the state.*

**Fargo-Moorhead MSA**

The Fargo-Moorhead MSA (which includes Cass County, North Dakota and Clay County, Minnesota) showed the largest percent gain of 4.0%. Employment reached 77,850, with all industry groups recording an increase in employment. The largest increase occurred in the services industry where employment rose by 1,000. With the growth of employment in hospitals in Fargo, the health services sector showed the largest increase, with 300. The retail trade industry added 650, followed by government with 500. With new businesses opening up in both durable and nondurable goods, manufacturing recorded its largest increase since 1975, adding 450 jobs in 1990.

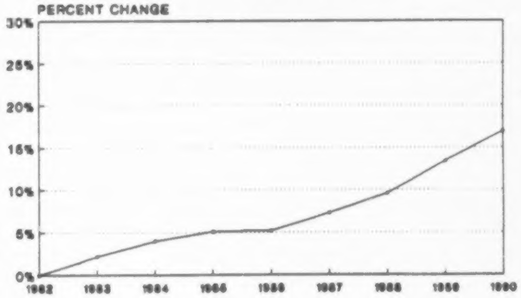
FARGO-MOORHEAD MSA
PERCENT EMPLOYMENT
CHANGE FROM 1982



**Bismarck MSA**

Employment in the Bismarck MSA (which includes Burleigh and Morton Counties) increased by 1,300 in 1990 to reach 40,100 for the first time. The largest growth occurred in the services industry which added 750. With an average growth of 1.1 employees per day, health services recorded an increase in employment of 400 in 1990. The combined industries of construction and mining gained 250 and retail trade added 250. Employment in wholesale trade declined by 100, while finance, insurance and real estate dropped by 50.

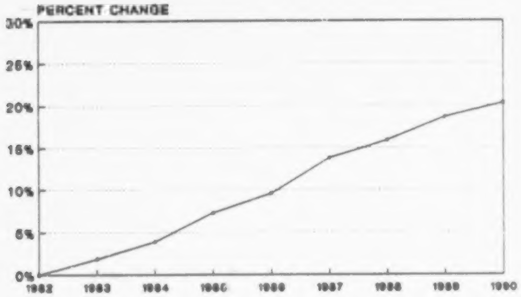
BISMARCK MSA
PERCENT EMPLOYMENT
CHANGE FROM 1982



## Grand Forks MSA

The Grand Forks MSA had the smallest increase in 1990, adding 450 workers, bringing employment to 31,450. Retail trade accounted for 250 of the gain, with all segments of the industry recording increases. Services increased by 200, with personal and business services accounting for half of the gain. Government employment also increased by 200. Three industry groups incurred losses in 1990: construction and mining, manufacturing, and finance, insurance and real estate.

GRAND FORKS MSA
PERCENT EMPLOYMENT
CHANGE FROM 1982



The benchmark revisions for 1989 and 1990 have been completed. Included in this issue of the Labor Market Advisor are tables for the two years, showing annual average nonagricultural wage and salary employment and labor force data for North Dakota and the three MSA's. We have also included hours and earnings data for production workers in the manufacturing industry in North Dakota and the Fargo-Moorhead MSA.

If you would like additional information, please contact the Research and Statistics Section of Job Service North Dakota at the address or phone number on the title page of this publication.

Tony Etherington
Research Analyst

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | February 1991 | January 1991 | January 1991 | February 1990 | February 1990 |
| **TOTAL NONAG** | 263,650 | 263,250 | 0.2% | 257,500 | 2.4% |
| GOODS PRODUCING | 29,100 | 29,500 | -1.4% | 27,450 | 6.0% |
| MINING | 4,050 | 4,050 | 0.0% | 3,950 | 2.5% |
| Coal | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| Crude Petroleum & Nat. Gas | 2,800 | 2,800 | 0.0% | 2,700 | 3.7% |
| Other Mining | 200 | 200 | 0.0% | 200 | 0.0% |
| CONSTRUCTION | 7,450 | 7,700 | -3.2% | 7,050 | 5.7% |
| Building Construction | 1,950 | 2,000 | -2.5% | 2,100 | -7.1% |
| Street, Highway & Heavy | 1,300 | 1,300 | 0.0% | 950 | 36.8% |
| Special Trade Construction | 4,200 | 4,400 | -4.5% | 4,000 | 5.0% |
| MANUFACTURING | 17,600 | 17,750 | -0.8% | 16,450 | 7.0% |
| Durable Goods | 8,900 | 8,950 | -0.6% | 8,450 | 5.3% |
| Primary & Fab. Metals | 1,050 | 1,100 | -4.5% | 1,050 | 0.0% |
| Machinery & Trans. Equip | 5,650 | 5,700 | -0.9% | 5,450 | 3.7% |
| Machinery & Electric | 3,900 | 4,000 | -2.5% | 3,900 | 0.0% |
| Transportation Equipment | 1,750 | 1,700 | 2.9% | 1,550 | 12.9% |
| Other Durables | 2,200 | 2,150 | 2.3% | 1,950 | 12.8% |
| Lumber & Wood | 1,200 | 1,150 | 4.3% | 1,000 | 20.0% |
| Misc Durable | 1,000 | 1,000 | 0.0% | 950 | 5.3% |
| Nondurable Goods | 8,700 | 8,800 | -1.1% | 8,000 | 8.8% |
| Food & Kindred Products | 4,650 | 4,800 | -3.1% | 4,200 | 10.7% |
| Dairy Products | 600 | 600 | 0.0% | 650 | -7.7% |
| Grain Mill & Bakery Products | 1,150 | 1,250 | -8.0% | 800 | 43.8% |
| Sugar & Confectionary | 1,000 | 1,000 | 0.0% | 1,000 | 0.0% |
| Other Foods | 1,900 | 1,950 | -2.6% | 1,750 | 8.6% |
| Paper Products & Printing & Publishing | 2,600 | 2,600 | 0.0% | 2,500 | 4.0% |
| Other Nondurable Goods | 1,450 | 1,400 | 3.6% | 1,300 | 11.5% |
| SERVICES PRODUCING | 234,550 | 233,750 | 0.3% | 230,050 | 2.0% |
| TRAN, COMM & UTILITIES | 17,100 | 17,100 | 0.0% | 16,850 | 1.5% |
| Transportation | 9,000 | 9,000 | 0.0% | 8,750 | 2.9% |
| Trucking & Warehousing | 5,000 | 5,000 | 0.0% | 4,900 | 2.0% |
| Other Transportation | 4,000 | 4,000 | 0.0% | 3,850 | 3.9% |
| Railroads | 1,850 | 1,850 | 0.0% | 1,800 | 2.8% |
| Local & Suburban Transportation | 900 | 900 | 0.0% | 950 | -5.3% |
| Water, Air & Pipeline | 1,250 | 1,250 | 0.0% | 1,100 | 13.6% |
| Communications | 3,400 | 3,400 | 0.0% | 3,400 | 0.0% |
| Utilities | 4,700 | 4,700 | 0.0% | 4,700 | 0.0% |
| WHOLESALE TRADE | 19,000 | 19,100 | -0.5% | 18,800 | 1.1% |
| Durable Goods | 8,700 | 8,700 | 0.0% | 8,700 | 0.0% |
| Nondurable Goods | 10,300 | 10,400 | -1.0% | 10,100 | 2.0% |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | February 1991 | January 1991 | January 1991 | February 1990 | February 1990 |
| RETAIL TRADE | 50,050 | 50,450 | -0.8% | 48,600 | 3.0% |
| Hardware & Garden | 2,200 | 2,200 | 0.0% | 2,100 | 4.8% |
| General Merchandise | 7,200 | 7,600 | -5.3% | 6,400 | 12.5% |
| Food Stores | 7,100 | 7,100 | 0.0% | 6,900 | 2.9% |
| Auto Dealers & Service Stations | 6,700 | 6,800 | -1.5% | 6,700 | 0.0% |
| Apparel & Accessory | 2,400 | 2,500 | -4.0% | 2,500 | -4.0% |
| Furniture Stores | 1,650 | 1,650 | 0.0% | 1,600 | 3.1% |
| Eating & Drinking Places | 17,300 | 17,100 | 1.2% | 17,100 | 1.2% |
| Misc Retail | 5,500 | 5,500 | 0.0% | 5,300 | 3.8% |
| FINANCE, INS & REAL ESTATE | 12,550 | 12,450 | 0.8% | 12,250 | 2.4% |
| Finance | 6,550 | 6,550 | 0.0% | 6,550 | 0.0% |
| Banking | 5,600 | 5,600 | 0.0% | 5,600 | 0.0% |
| Other Finance | 950 | 950 | 0.0% | 950 | 0.0% |
| Insurance | 4,150 | 4,050 | 2.5% | 3,900 | 6.4% |
| Insurance Underwriters | 2,600 | 2,500 | 4.0% | 2,500 | 4.0% |
| Insurance Agents & Brokers | 1,550 | 1,550 | 0.0% | 1,400 | 10.7% |
| Real Estate | 1,850 | 1,850 | 0.0% | 1,800 | 2.8% |
| SERVICES | 69,750 | 69,450 | 0.4% | 66,850 | 4.3% |
| Lodging | 4,500 | 4,500 | 0.0% | 4,300 | 4.7% |
| Personal & Business | 8,300 | 8,400 | -1.2% | 8,100 | 2.5% |
| Personal Services | 3,200 | 3,200 | 0.0% | 3,300 | -3.0% |
| Business Services | 5,100 | 5,200 | -1.9% | 4,800 | 6.3% |
| Recreational Services | 2,200 | 2,200 | 0.0% | 2,100 | 4.8% |
| Health Services | 29,100 | 28,900 | 0.7% | 27,800 | 4.7% |
| Nursing & Hospital | 21,300 | 21,200 | 0.5% | 20,200 | 5.4% |
| Other Health | 7,800 | 7,700 | 1.3% | 7,600 | 2.6% |
| Educational Services | 3,200 | 3,100 | 3.2% | 3,000 | 6.7% |
| Social Services | 6,900 | 6,800 | 1.5% | 6,300 | 9.5% |
| Membership Organizations | 8,300 | 8,300 | 0.0% | 8,100 | 2.5% |
| Other Services | 7,250 | 7,250 | 0.0% | 7,150 | 1.4% |
| Auto & Misc Repair | 2,400 | 2,400 | 0.0% | 2,300 | 4.3% |
| Legal Services | 1,450 | 1,450 | 0.0% | 1,450 | 0.0% |
| Misc Services | 3,400 | 3,400 | 0.0% | 3,400 | 0.0% |
| GOVERNMENT | 66,100 | 65,200 | 1.4% | 66,700 | -0.9% |
| Federal | 10,000 | 10,000 | 0.0% | 10,300 | -2.9% |
| State & Local | 56,100 | 55,200 | 1.6% | 56,400 | -0.5% |
| State Government | 20,300 | 19,900 | 2.0% | 20,300 | 0.0% |
| Educational Services | 13,300 | 12,900 | 3.1% | 13,500 | -1.5% |
| Other State Government | 7,000 | 7,000 | 0.0% | 6,800 | 2.9% |
| Local Government | 35,800 | 35,300 | 1.4% | 36,100 | -0.8% |
| Educational Services | 18,300 | 17,800 | 2.8% | 18,600 | -1.6% |
| Other Local Government | 17,500 | 17,500 | 0.0% | 17,500 | 0.0% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | February 1991 | January 1991 | January 1991 | February 1990 | February 1990 |
| **FARGO-MOORHEAD MSA** | | | | | |
| **TOTAL NONAG** | 78,250 | 78,500 | -0.3% | 75,050 | 4.3% |
| GOODS PRODUCING | 8,350 | 8,500 | -1.8% | 7,950 | 5.0% |
| MINING & CONSTRUCTION | 2,700 | 2,800 | -3.6% | 2,750 | -1.8% |
| Special Trades | 1,600 | 1,700 | -5.9% | 1,650 | -3.0% |
| Other Construction & Mining | 1,100 | 1,100 | 0.0% | 1,100 | 0.0% |
| MANUFACTURING | 5,650 | 5,700 | -0.9% | 5,200 | 8.7% |
| Durable Goods | 2,800 | 2,800 | 0.0% | 2,500 | 12.0% |
| Fabricated Metal & Machinery | 1,500 | 1,500 | 0.0% | 1,400 | 7.1% |
| Other Durable Goods | 1,300 | 1,300 | 0.0% | 1,100 | 18.2% |
| Nondurable Goods | 2,850 | 2,900 | -1.7% | 2,700 | 5.6% |
| Food & Kindred | 1,850 | 1,900 | -2.6% | 1,700 | 8.8% |
| Other Nondurables | 1,000 | 1,000 | 0.0% | 1,000 | 0.0% |
| SERVICES PRODUCING | 69,900 | 70,000 | -0.1% | 67,100 | 4.2% |
| TRANS, COMM & UTIL | 4,700 | 4,700 | 0.0% | 4,500 | 4.4% |
| Trucking & Warehousing | 950 | 950 | 0.0% | 950 | 0.0% |
| Other Transportation | 2,200 | 2,200 | 0.0% | 2,000 | 10.0% |
| Communications & Utilities | 1,550 | 1,550 | 0.0% | 1,550 | 0.0% |
| WHOLESALE TRADE | 6,800 | 6,700 | 1.5% | 6,500 | 4.6% |
| Durable | 3,800 | 3,700 | 2.7% | 3,700 | 2.7% |
| Nondurable | 3,000 | 3,000 | 0.0% | 2,800 | 7.1% |
| RETAIL TRADE | 15,800 | 16,100 | -1.9% | 14,850 | 6.4% |
| General Merchandise & Apparel | 3,100 | 3,300 | -6.1% | 2,900 | 6.9% |
| Food Stores | 2,100 | 2,100 | 0.0% | 1,850 | 13.5% |
| Auto Dealers & Svc. Stations | 2,000 | 2,000 | 0.0% | 1,900 | 5.3% |
| Eating & Drinking Places | 5,900 | 5,900 | 0.0% | 5,600 | 5.4% |
| Other Retail | 2,700 | 2,800 | -3.6% | 2,600 | 3.8% |
| FINANCE, INS & R E | 4,650 | 4,650 | 0.0% | 4,500 | 3.3% |
| Finance | 2,000 | 2,000 | 0.0% | 2,000 | 0.0% |
| Insurance Carriers | 1,550 | 1,550 | 0.0% | 1,500 | 3.3% |
| Other Fin, Ins. & R.Estate | 1,100 | 1,100 | 0.0% | 1,000 | 10.0% |
| SERVICES | 22,400 | 22,400 | 0.0% | 21,350 | 4.9% |
| Lodging | 1,350 | 1,350 | 0.0% | 1,300 | 3.8% |
| Personal & Business | 3,800 | 3,800 | 0.0% | 3,500 | 8.6% |
| Recreation & Amusement | 850 | 850 | 0.0% | 800 | 6.3% |
| Health Services | 8,200 | 8,200 | 0.0% | 7,800 | 5.1% |
| Educational Services | 2,200 | 2,200 | 0.0% | 2,200 | 0.0% |
| Social Services | 1,700 | 1,750 | -2.9% | 1,650 | 3.0% |
| Membership Services | 1.600 | 1,550 | 3.2% | 1,500 | 6.7% |
| Other Services | 2,700 | 2,700 | 0.0% | 2,600 | 3.8% |
| GOVERNMENT | 15,550 | 15,450 | 0.6% | 15,400 | 1.0% |
| Federal | 2,300 | 2,300 | 0.0% | 2,300 | 0.0% |
| State | 6,350 | 6,250 | 1.6% | 6,300 | 0.8% |
| State School | 5,800 | 5,700 | 1.8% | 5,800 | 0.0% |
| Other State | 550 | 550 | 0.0% | 500 | 10.0% |
| Local | 6,900 | 6,900 | 0.0% | 6,800 | 1.5% |
| Local School | 4,200 | 4,200 | 0.0% | 4,200 | 0.0% |
| Other Local | 2,700 | 2,700 | 0.0% | 2,600 | 3.8% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | February 1991 | January 1991 | January 1991 | February 1990 | February 1990 |
| **GRAND FORKS MSA** | | | | | |
| TOTAL NONAG | 31,850 | 31,650 | 0.6% | 31,000 | 2.7% |
| GOODS PRODUCING | 2,550 | 2,500 | 2.0% | 2,450 | 4.1% |
| MINING & CONSTRUCTION | 850 | 900 | -5.6% | 950 | -10.5% |
| MANUFACTURING | 1,700 | 1,600 | 6.3% | 1,500 | 13.3% |
| Durable Goods | 700 | 650 | 7.7% | 550 | 27.3% |
| Nondurable Goods | 1,000 | 950 | 5.3% | 950 | 5.3% |
| SERVICES PRODUCING | 29,300 | 29,150 | 0.5% | 28,550 | 2.6% |
| TRANS, COMM. & UTIL. | 1,700 | 1,700 | 0.0% | 1,700 | 0.0% |
| Transportation | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| Communications & Utilities | 650 | 650 | 0.0% | 700 | -7.1% |
| WHOLESALE TRADE | 1,500 | 1,550 | -3.2% | 1,500 | 0.0% |
| RETAIL TRADE | 7,700 | 7,700 | 0.0% | 7,350 | 4.8% |
| General Merchandise & Apparel | 2,100 | 2,200 | -4.5% | 1,850 | 13.5% |
| Eating & Drinking Places | 2,800 | 2,700 | 3.7% | 2,700 | 3.7% |
| Other Retail | 2,800 | 2,800 | 0.0% | 2,800 | 0.0% |
| FINANCE, INS. & R E | 1,050 | 1,050 | 0.0% | 1,100 | -4.5% |
| SERVICES | 7,350 | 7,450 | -1.3% | 6,950 | 5.8% |
| Personal & Business | 1,050 | 1,050 | 0.0% | 950 | 10.5% |
| Health | 2,900 | 3,000 | -3.3% | 2,800 | 3.6% |
| Other Services | 3,400 | 3,400 | 0.0% | 3,200 | 6.3% |
| GOVERNMENT | 10,000 | 9,700 | 3.1% | 9,950 | 0.5% |
| Federal | 1,550 | 1,550 | 0.0% | 1,500 | 3.3% |
| State | 5,850 | 5,550 | 5.4% | 5,850 | 0.0% |
| State School | 5,400 | 5,100 | 5.9% | 5,400 | 0.0% |
| Other State | 450 | 450 | 0.0% | 450 | 0.0% |
| Local | 2,600 | 2,600 | 0.0% | 2,600 | 0.0% |
| Local School | 1,450 | 1,450 | 0.0% | 1,400 | 3.6% |
| Other Local | 1,150 | 1,150 | 0.0% | 1,200 | -4.2% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | February 1991 | January 1991 | January 1991 | February 1990 | February 1990 |
| **BISMARCK MSA** | | | | | |
| **TOTAL NONAG** | 40,200 | 40,050 | 0.4% | 38,550 | 4.3% |
| GOODS PRODUCING | 3,800 | 3,800 | 0.0% | 3,450 | 10.1% |
| MINING & CONSTRUCTION | 1,550 | 1,600 | -3.1% | 1,350 | 14.8% |
| MANUFACTURING | 2,250 | 2,200 | 2.3% | 2,100 | 7.1% |
| Durable Goods | 900 | 900 | 0.0% | 850 | 5.9% |
| Nondurable Goods | 1,350 | 1,300 | 3.8% | 1,250 | 8.0% |
| SERVICES PRODUCING | 36,400 | 36,250 | 0.4% | 35,100 | 3.7% |
| TRANS, COMM. & UTIL. | 2,850 | 2,800 | 1.8% | 2,800 | 1.8% |
| Transportation | 1,200 | 1,200 | 0.0% | 1,150 | 4.3% |
| Communications & Utilities | 1,650 | 1,600 | 3.1% | 1,650 | 0.0% |
| WHOLESALE TRADE | 2,100 | 2,100 | 0.0% | 2,200 | -4.5% |
| RETAIL TRADE | 8,100 | 8,200 | -1.2% | 7,900 | 2.5% |
| General Merchandise & Apparel | 1,700 | 1,850 | -8.1% | 1,650 | 3.0% |
| Food Stores | 1,000 | 1,000 | 0.0% | 1,050 | -4.8% |
| Auto Dealers & Svc. Stations | 1,000 | 1,000 | 0.0% | 1,050 | -4.8% |
| Eating & Drinking Places | 2,700 | 2,700 | 0.0% | 2,600 | 3.8% |
| Other Retail | 1,700 | 1,650 | 3.0% | 1,550 | 9.7% |
| FINANCE, INS. & R E | 1,450 | 1,500 | -3.3% | 1,500 | -3.3% |
| SERVICES | 12,800 | 12,700 | 0.8% | 12,000 | 6.7% |
| Lodging | 1,000 | 1,000 | 0.0% | 900 | 11.1% |
| Personal & Business | 1,450 | 1,450 | 0.0% | 1,400 | 3.6% |
| Health Services | 5,400 | 5,300 | 1.9% | 4,800 | 12.5% |
| Educational Services | 850 | 850 | 0.0% | 850 | 0.0% |
| Social Services | 1,200 | 1,200 | 0.0% | 1,150 | 4.3% |
| Membership Services | 1,300 | 1,300 | 0.0% | 1,300 | 0.0% |
| Other Services | 1,600 | 1,600 | 0.0% | 1,600 | 0.0% |
| GOVERNMENT | 9,100 | 8,950 | 1.7% | 8,700 | 4.6% |
| Federal | 1,100 | 1,050 | 4.8% | 1,100 | 0.0% |
| State | 4,200 | 4,200 | 0.0% | 3,950 | 6.3% |
| State Schools | 300 | 300 | 0.0% | 350 | -14.3% |
| Other State | 3,900 | 3,900 | 0.0% | 3,600 | 8.3% |
| Local | 3,800 | 3,700 | 2.7% | 3,650 | 4.1% |
| Local Schools | 2,100 | 2,100 | 0.0% | 2,100 | 0.0% |
| Other Local | 1,700 | 1,600 | 6.3% | 1,550 | 9.7% |

## UNITED STATES

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| *INDUSTRY* | FEB 1991 | JAN 1991 | FEB 1990 | FEB 1991 | JAN 1991 | FEB 1990 | FEB 1991 | JAN 1991 | FEB 1990 |
| MANUFACTURING | 439.39 | 444.61 | 431.47 | 39.8 | 40.2 | 40.4 | 11.04 | 11.06 | 10.68 |
| Durable Goods | 466.27 | 471.31 | 458.38 | 40.3 | 40.7 | 41.0 | 11.57 | 11.58 | 11.18 |
| Nondurable Goods | 406.76 | 409.86 | 394.81 | 39.3 | 39.6 | 39.6 | 10.35 | 10.35 | 9.97 |

## NORTH DAKOTA

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| *INDUSTRY* | FEB 1991 | JAN 1991 | FEB 1990 | FEB 1991 | JAN 1991 | FEB 1990 | FEB 1991 | JAN 1991 | FEB 1990 |
| MANUFACTURING | 353.91 | 360.30 | 352.23 | 39.9 | 39.9 | 39.8 | 8.87 | 9.03 | 8.85 |
| Durable Goods | 369.65 | 373.46 | 373.84 | 40.8 | 40.2 | 41.4 | 9.06 | 9.29 | 9.03 |
| Nondurable Goods | 336.49 | 345.23 | 327.08 | 38.9 | 39.5 | 37.9 | 8.65 | 8.74 | 8.63 |
| Food & Kindred | 346.51 | 359.98 | 341.38 | 41.3 | 42.4 | 40.4 | 8.39 | 8.49 | 8.45 |

## FARGO-MOORHEAD MSA

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| *INDUSTRY* | FEB 1991 | JAN 1991 | FEB 1990 | FEB 1991 | JAN 1991 | FEB 1990 | FEB 1991 | JAN 1991 | FEB 1990 |
| MANUFACTURING | 324.63 | 336.01 | 339.19 | 37.4 | 38.8 | 38.5 | 8.68 | 8.66 | 8.81 |
| Durable Goods | 313.81 | 322.63 | 320.77 | 37.9 | 38.5 | 38.6 | 8.28 | 8.38 | 8.31 |
| Nondurable Goods | 334.68 | 348.77 | 357.34 | 36.9 | 39.1 | 38.3 | 9.07 | 8.92 | 9.33 |

# LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | FEB 1991 | JAN 1991 | JAN 1991 | FEB 1990 | FEB 1990 |
| **UNITED STATES** | | | | | |
| (In Thousands) | | | | | |
| Labor Force | 126,678 | 126,253 | 0.3% | 126,307 | 0.3% |
| Employment | 118,520 | 118,538 | 0.0% | 119,713 | -1.0% |
| Unemployment | 8,158 | 7,715 | 5.7% | 6,594 | 23.7% |
| Unemployment Rate | 6.4% | 6.1% | xxx | 5.2% | xxx |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 314,910 | 312,210 | 0.9% | 319,090 | -1.3% |
| Employment | 300,300 | 298,160 | 0.7% | 303,180 | -0.9% |
| Unemployment | 14,610 | 14,050 | 4.0% | 15,910 | -8.2% |
| Unemployment Rate | 4.6% | 4.5% | xxx | 5.0% | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 88,930 | 88,620 | 0.3% | 86,860 | 2.4% |
| Employment | 85,320 | 85,260 | 0.1% | 83,780 | 1.8% |
| Unemployment | 3,610 | 3,360 | 7.4% | 3,080 | 17.2% |
| Unemployment Rate | 4.1% | 3.8% | xxx | 3.5% | xxx |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 35,300 | 34,690 | 1.8% | 35,490 | -0.5% |
| Employment | 34,130 | 33,590 | 1.6% | 34,170 | -0.1% |
| Unemployment | 1,170 | 1,100 | 6.4% | 1,320 | -11.4% |
| Unemployment Rate | 3.3% | 3.2% | xxx | 3.7% | xxx |
| **BISMARCK MSA** | | | | | |
| Labor Force | 46,600 | 46,350 | 0.5% | 46,290 | 0.7% |
| Employment | 44,500 | 44,110 | 0.9% | 43,910 | 1.3% |
| Unemployment | 2,100 | 2,240 | -6.3% | 2,380 | -11.8% |
| Unemployment Rate | 4.5% | 4.8% | xxx | 5.1% | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
JAN 1990

| | NORTH DAKOTA | MINNESOTA | SOUTH DAKOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 312.2 | 2,422.0 | 349.9 | 398.1 |
| Employment | 298.2 | 2,291.4 | 335.9 | 368.7 |
| Unemployment | 14.0 | 130.6 | 14.0 | 29.4 |
| Unemployment Rate | 4.5% | 5.4% | 4.0% | 7.4% |

# U. S. CONSUMER PRICE INDEX

## ALL URBAN CONSUMERS

(1982-84 = 100)

| ITEM | ANNUAL AVERAGE 1990 | FEB 1991 | JAN 1991 | Percent Change From JAN 1991 | FEB 1990 | Percent Change From FEB 1990 |
|---|---|---|---|---|---|---|
| All Items | 130.7 | 134.8 | 134.6 | 0.1% | 128.0 | 5.3% |
| Food & Beverage | 132.1 | 136.0 | 135.9 | 0.1% | 130.9 | 3.9% |
| Housing | 128.5 | 132.4 | 131.8 | 0.5% | 126.1 | 5.0% |
| Apparel & Upkeep | 124.1 | 126.2 | 123.8 | 1.9% | 120.4 | 4.8% |
| Transportation | 120.5 | 123.7 | 125.5 | -1.4% | 117.1 | 5.6% |
| Medical Care | 162.8 | 172.5 | 171.0 | 0.9% | 157.5 | 9.5% |
| Entertainment | 132.4 | 136.2 | 135.5 | 0.5% | 130.4 | 4.4% |
| All Other | 159.0 | 167.4 | 166.5 | 0.5% | 154.7 | 8.2% |

# PRODUCER PRICE INDEX

## UNITED STATES AVERAGE

| ITEM | ANNUAL AVERAGE 1990 | FEB 1991 | JAN 1991 | Percent Change From JAN 1991 | FEB 1990 | Percent Change From FEB 1990 |
|---|---|---|---|---|---|---|
| All Commodities | 116.3 | 117.2 | 118.9 | -1.4% | 114.4 | 2.4% |
| Farm Products & Processed Foods and Feeds | 118.6 | 117.1 | 117.0 | 0.1% | 118.5 | -1.2% |
| Industrial Commodities | 115.8 | 117.2 | 119.3 | -1.8% | 113.6 | 3.2% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FEB'91 | JAN'91 | FEB'90 | FEB'91 | JAN'91 | FEB'90 | FEB'91 | JAN'91 | FEB'90 | FEB'91 | JAN'91 | FEB'90 |
| Divide | 1,233 | 1,261 | 1,330 | 1,198 | 1,206 | 1,302 | 35 | 55 | 28 | 2.8% | 4.4% | 2.1% |
| McKenzie | 2,422 | 2,438 | 2,681 | 2,335 | 2,314 | 2,602 | 87 | 124 | 79 | 3.6% | 5.1% | 2.9% |
| Williams | 10,455 | 10,225 | 10,815 | 10,025 | 9,879 | 10,338 | 430 | 346 | 477 | 4.1% | 3.4% | 4.4% |
| REGION 1 | 14,110 | 13,924 | 14,826 | 13,558 | 13,399 | 14,242 | 552 | 525 | 584 | 3.9% | 3.8% | 3.9% |
| Bottineau | 2,960 | 2,985 | 3,161 | 2,754 | 2,813 | 2,920 | 206 | 172 | 241 | 7.0% | 5.8% | 7.6% |
| Burke | 1,216 | 1,191 | 1,291 | 1,160 | 1,153 | 1,242 | 56 | 38 | 49 | 4.6% | 3.2% | 3.8% |
| McHenry | 2,340 | 2,266 | 2,547 | 2,002 | 2,030 | 2,146 | 338 | 236 | 401 | 14.4% | 10.4% | 15.7% |
| Mountrail | 3,038 | 3,002 | 3,127 | 2,824 | 2,821 | 2,889 | 214 | 181 | 238 | 7.0% | 6.0% | 7.6% |
| Pierce | 2,200 | 2,190 | 2,435 | 2,131 | 2,106 | 2,321 | 69 | 84 | 114 | 3.1% | 3.8% | 4.7% |
| Renville | 1,079 | 1,084 | 1,110 | 1,031 | 1,018 | 1,053 | 48 | 66 | 57 | 4.4% | 6.1% | 5.1% |
| Ward | 25,554 | 25,205 | 25,578 | 24,217 | 23,875 | 24,188 | 1,337 | 1,330 | 1,390 | 5.2% | 5.3% | 5.4% |
| REGION 2 | 38,387 | 37,923 | 39,249 | 36,119 | 35,816 | 36,759 | 2,268 | 2,107 | 2,490 | 5.9% | 5.6% | 6.3% |
| Benson | 2,554 | 2,510 | 2,673 | 2,314 | 2,317 | 2,351 | 240 | 193 | 322 | 9.4% | 7.7% | 12.0% |
| Cavalier | 2,348 | 2,369 | 2,483 | 2,203 | 2,210 | 2,294 | 145 | 159 | 189 | 6.2% | 6.7% | 7.6% |
| Eddy | 1,274 | 1,209 | 1,369 | 1,075 | 1,091 | 1,194 | 199 | 118 | 175 | 15.6% | 9.8% | 12.8% |
| Ramsey | 6,378 | 6,382 | 6,565 | 6,109 | 6,086 | 6,252 | 269 | 296 | 313 | 4.2% | 4.6% | 4.8% |
| Rolette | 4,284 | 4,102 | 4,274 | 3,714 | 3,690 | 3,652 | 570 | 412 | 622 | 13.3% | 10.0% | 14.6% |
| Towner | 1,572 | 1,588 | 1,613 | 1,514 | 1,523 | 1,541 | 58 | 65 | 72 | 3.7% | 4.1% | 4.5% |
| REGION 3 | 18,410 | 18,160 | 18,977 | 16,929 | 16,917 | 17,284 | 1,481 | 1,243 | 1,693 | 8.0% | 6.8% | 8.9% |
| Grand Forks | 35,300 | 34,692 | 35,483 | 34,132 | 33,589 | 34,168 | 1,168 | 1,103 | 1,315 | 3.3% | 3.2% | 3.7% |
| Nelson | 1,742 | 1,761 | 1,825 | 1,632 | 1,641 | 1,726 | 110 | 120 | 99 | 6.3% | 6.8% | 5.4% |
| Pembina | 4,657 | 4,657 | 4,975 | 4,306 | 4,288 | 4,478 | 351 | 369 | 497 | 7.5% | 7.9% | 10.0% |
| Walsh | 7,005 | 6,979 | 7,583 | 6,667 | 6,630 | 7,202 | 338 | 349 | 381 | 4.8% | 5.0% | 5.0% |
| REGION 4 | 48,704 | 48,089 | 49,866 | 46,737 | 46,148 | 47,574 | 1,967 | 1,941 | 2,292 | 4.0% | 4.0% | 4.6% |
| Cass | 62,310 | 61,384 | 61,359 | 60,483 | 59,934 | 59,663 | 1,827 | 1,450 | 1,696 | 2.9% | 2.4% | 2.8% |
| Ransom | 2,479 | 2,452 | 2,569 | 2,405 | 2,388 | 2,476 | 74 | 64 | 93 | 3.0% | 2.6% | 3.6% |
| Richland | 8,531 | 8,413 | 8,563 | 8,152 | 8,135 | 8,257 | 379 | 278 | 306 | 4.4% | 3.3% | 3.6% |
| Sargent | 2,639 | 2,607 | 2,651 | 2,563 | 2,542 | 2,594 | 76 | 65 | 57 | 2.9% | 2.5% | 2.2% |
| Steele | 924 | 953 | 990 | 896 | 904 | 941 | 28 | 49 | 49 | 3.0% | 5.1% | 4.9% |
| Traill | 3,933 | 3,918 | 4,090 | 3,794 | 3,755 | 3,953 | 139 | 163 | 137 | 3.5% | 4.2% | 3.3% |
| REGION 5 | 80,816 | 79,727 | 80,222 | 78,293 | 77,658 | 77,884 | 2,523 | 2,069 | 2,338 | 3.1% | 2.6% | 2.9% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FEB'91 | JAN'91 | FEB'90 | FEB'91 | JAN'91 | FEB'90 | FEB'91 | JAN'91 | FEB'90 | FEB'91 | JAN'91 | FEB'90 |
| Barnes | 5,500 | 5,486 | 5,452 | 5,250 | 5,199 | 5,207 | 250 | 287 | 245 | 4.5% | 5.2% | 4.5% |
| Dickey | 2,812 | 2,859 | 2,898 | 2,701 | 2,732 | 2,803 | 111 | 127 | 95 | 3.9% | 4.4% | 3.3% |
| Foster | 2,032 | 2,023 | 2,159 | 1,927 | 1,905 | 2,025 | 105 | 118 | 134 | 5.2% | 5.8% | 6.2% |
| Griggs | 1,327 | 1,327 | 1,435 | 1,270 | 1,277 | 1,364 | 57 | 50 | 71 | 4.3% | 3.8% | 4.9% |
| La Moure | 2,092 | 2,104 | 2,232 | 2,000 | 2,017 | 2,112 | 92 | 87 | 120 | 4.4% | 4.1% | 5.4% |
| Logan | 1,252 | 1,250 | 1,358 | 1,201 | 1,208 | 1,313 | 51 | 42 | 45 | 4.1% | 3.4% | 3.3% |
| McIntosh | 2,060 | 2,051 | 2,168 | 2,025 | 2,028 | 2,121 | 35 | 23 | 47 | 1.7% | 1.1% | 2.2% |
| Stutsman | 10,861 | 10,958 | 11,372 | 10,389 | 10,381 | 10,814 | 472 | 577 | 558 | 4.3% | 5.3% | 4.9% |
| Wells | 2,639 | 2,611 | 2,737 | 2,382 | 2,357 | 2,486 | 257 | 254 | 251 | 9.7% | 9.7% | 9.2% |
| REGION 6 | 30,575 | 30,669 | 31,811 | 29,145 | 29,104 | 30,245 | 1,430 | 1,565 | 1,566 | 4.7% | 5.1% | 4.9% |
| Burleigh | 34,003 | 33,834 | 33,791 | 32,652 | 32,370 | 32,219 | 1,351 | 1,464 | 1,572 | 4.0% | 4.3% | 4.7% |
| Emmons | 1,957 | 1,943 | 2,073 | 1,842 | 1,829 | 1,922 | 115 | 114 | 151 | 5.9% | 5.9% | 7.3% |
| Grant | 1,532 | 1,562 | 1,548 | 1,465 | 1,486 | 1,481 | 67 | 76 | 67 | 4.4% | 4.9% | 4.3% |
| Kidder | 1,382 | 1,392 | 1,463 | 1,245 | 1,257 | 1,288 | 137 | 135 | 175 | 9.9% | 9.7% | 12.0% |
| McLean | 4,122 | 4,152 | 4,257 | 3,841 | 3,835 | 3,915 | 281 | 317 | 342 | 6.8% | 7.6% | 8.0% |
| Mercer | 5,243 | 5,279 | 5,462 | 4,898 | 4,889 | 5,006 | 345 | 390 | 456 | 6.6% | 7.4% | 8.3% |
| Morton | 12,594 | 12,513 | 12,493 | 11,844 | 11,741 | 11,687 | 750 | 772 | 806 | 6.0% | 6.2% | 6.5% |
| Oliver | 1,031 | 1,065 | 1,065 | 981 | 992 | 991 | 50 | 73 | 74 | 4.8% | 6.9% | 6.9% |
| Sheridan | 1,013 | 1,026 | 1,062 | 924 | 926 | 975 | 89 | 100 | 87 | 8.8% | 9.7% | 8.2% |
| Sioux | 1,099 | 1,063 | 1,006 | 989 | 970 | 873 | 110 | 93 | 133 | 10.0% | 8.7% | 13.2% |
| REGION 7 | 63,976 | 63,829 | 64,220 | 60,681 | 60,295 | 60,357 | 3,295 | 3,534 | 3,863 | 5.2% | 5.5% | 6.0% |
| Adams | 1,641 | 1,663 | 1,564 | 1,605 | 1,614 | 1,513 | 36 | 49 | 51 | 2.2% | 2.9% | 3.3% |
| Billings | 649 | 619 | 662 | 613 | 594 | 624 | 36 | 25 | 38 | 5.5% | 4.0% | 5.7% |
| Bowman | 1,941 | 1,909 | 1,952 | 1,865 | 1,849 | 1,892 | 76 | 60 | 60 | 3.9% | 3.1% | 3.1% |
| Dunn | 1,481 | 1,454 | 1,548 | 1,380 | 1,365 | 1,401 | 101 | 89 | 147 | 6.8% | 6.1% | 9.5% |
| Gldn Valley | 941 | 975 | 974 | 893 | 905 | 948 | 48 | 70 | 26 | 5.1% | 7.2% | 2.7% |
| Hettinger | 1,565 | 1,601 | 1,699 | 1,456 | 1,470 | 1,591 | 109 | 131 | 108 | 7.0% | 8.2% | 6.4% |
| Slope | 390 | 383 | 402 | 356 | 365 | 380 | 34 | 18 | 22 | 8.7% | 4.7% | 5.5% |
| Stark | 11,330 | 11,280 | 11,114 | 10,673 | 10,656 | 10,483 | 657 | 624 | 631 | 5.8% | 5.5% | 5.7% |
| REGION 8 | 19,938 | 19,884 | 19,915 | 18,841 | 18,818 | 18,832 | 1,097 | 1,066 | 1,083 | 5.5% | 5.4% | 5.4% |
| **STATE TOTALS** | 314,915 | 312,205 | 319,089 | 300,302 | 298,156 | 303,180 | 14,613 | 14,049 | 15,909 | 4.6% | 4.5% | 5.0% |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | ANNUAL AVERAGE | ANNUAL AVERAGE | % CHANGE FROM |
|---|---|---|---|
| | 1990 | 1989 | 1989-1990 |
| **TOTAL NONAG** | 265,650 | 260,550 | 2.0% |
| **GOODS PRODUCING** | 31,650 | 30,350 | 4.3% |
| **MINING** | 4,300 | 4,050 | 6.2% |
| Coal | 1,050 | 1,100 | -4.5% |
| Crude Petroleum & Nat. Gas | 2,900 | 2,600 | 11.5% |
| Other Mining | 350 | 350 | 0.0% |
| **CONSTRUCTION** | 10,000 | 9,800 | 2.0% |
| Building Construction | 2,500 | 2,600 | -3.8% |
| Street, Highway & Heavy | 2,500 | 2,300 | 8.7% |
| Special Trade Construction | 5,000 | 4,900 | 2.0% |
| **MANUFACTURING** | 17,350 | 16,500 | 5.2% |
| Durable Goods | 8,950 | 8,100 | 10.5% |
| Primary & Fab. Metals | 1,150 | 1,050 | 9.5% |
| Machinery & Trans. Equip | 5,500 | 4,950 | 11.1% |
| Machinery & Electric | 3,900 | 3,600 | 8.3% |
| Transportation Equipment | 1,600 | 1,350 | 18.5% |
| Other Durables | 2,300 | 2,100 | 9.5% |
| Lumber & Wood | 1,150 | 1,000 | 15.0% |
| Misc Durable | 1,150 | 1,100 | 4.5% |
| Nondurable Goods | 8,400 | 8,400 | 0.0% |
| Food & Kindred Products | 4,400 | 4,300 | 2.3% |
| Dairy Products | 650 | 700 | -7.1% |
| Grain Mill & Bakery Products | 1,050 | 800 | 31.3% |
| Sugar & Confectionary | 850 | 850 | 0.0% |
| Other Foods | 1,850 | 1,950 | -5.1% |
| Paper Products & Printing & Publishing | 2,500 | 2,500 | 0.0% |
| Other Nondurable Goods | 1,500 | 1,600 | -6.3% |
| **SERVICES PRODUCING** | 234,000 | 230,200 | 1.7% |
| **TRAN, COMM & UTILITIES** | 17,100 | 17,000 | 0.6% |
| Transportation | 8,900 | 8,800 | 1.1% |
| Trucking & Warehousing | 5,000 | 5,000 | 0.0% |
| Other Transportation | 3,900 | 3,800 | 2.6% |
| Railroads | 1,900 | 1,850 | 2.7% |
| Local & Suburban Transportation | 850 | 900 | -5.6% |
| Water, Air & Pipeline | 1,150 | 1,050 | 9.5% |
| Communications | 3,400 | 3,500 | -2.9% |
| Utilities | 4,800 | 4,700 | 2.1% |
| **WHOLESALE TRADE** | 19,400 | 19,500 | -0.5% |
| Durable Goods | 8,900 | 9,000 | -1.1% |
| Nondurable Goods | 10,500 | 10,500 | 0.0% |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | ANNUAL AVERAGE 1990 | ANNUAL AVERAGE 1989 | % CHANGE FROM 1989-1990 |
|---|---|---|---|
| RETAIL TRADE | 50,850 | 49,950 | 1.8% |
| Hardware & Garden | 2,300 | 2,400 | -4.2% |
| General Merchandise | 6,600 | 6,500 | 1.5% |
| Food Stores | 7,200 | 7,100 | 1.4% |
| Auto & Service Stations | 6,900 | 6,700 | 3.0% |
| Apparel & Accessory | 2,600 | 2,700 | -3.7% |
| Furniture Stores | 1,650 | 1,650 | 0.0% |
| Eating & Drinking Places | 18,100 | 17,700 | 2.3% |
| Misc Retail | 5,500 | 5,200 | 5.8% |
| FINANCE, INS & REAL ESTATE | 12,300 | 12,200 | 0.8% |
| Finance | 6,550 | 6,550 | 0.0% |
| Banking | 5,600 | 5,600 | 0.0% |
| Other Finance | 950 | 950 | 0.0% |
| Insurance | 3,900 | 3,850 | 1.3% |
| Insurance Underwriters | 2,500 | 2,500 | 0.0% |
| Ins. Agents & Brokers | 1,400 | 1,350 | 3.7% |
| Real Estate | 1,850 | 1,800 | 2.8% |
| SERVICES | 68,950 | 65,950 | 4.5% |
| Lodging | 4,500 | 4,300 | 4.7% |
| Personal & Business | 8,300 | 7,900 | 5.1% |
| Personal Services | 3,200 | 3,200 | 0.0% |
| Business Services | 5,100 | 4,700 | 8.5% |
| Recreational Services | 2,500 | 2,500 | 0.0% |
| Health Services | 28,600 | 27,400 | 4.4% |
| Nursing & Hospital | 20,800 | 20,000 | 4.0% |
| Other Health | 7,800 | 7,400 | 5.4% |
| Membership Organizations | 8,200 | 8,200 | 0.0% |
| Educational Services | 2,900 | 2,800 | 3.6% |
| Social Services | 6,500 | 5,700 | 14.0% |
| Other Services | 7,450 | 7,150 | 4.2% |
| Auto & Misc Repair | 2,300 | 2,200 | 4.5% |
| Legal Services | 1,450 | 1,450 | 0.0% |
| Misc Services | 3,700 | 3,500 | 5.7% |
| GOVERNMENT | 65,400 | 65,600 | -0.3% |
| Federal | 10,500 | 10,400 | 1.0% |
| State & Local | 54,900 | 55,200 | -0.5% |
| State Government | 19,600 | 19,700 | -0.5% |
| Educational Services | 12,500 | 12,500 | 0.0% |
| Other State Government | 7,100 | 7,200 | -1.4% |
| Local Government | 35,300 | 35,500 | -0.6% |
| Educational Services | 17,100 | 17,200 | -0.6% |
| Other Local Government | 18,200 | 18,300 | -0.5% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | ANNUAL AVERAGE 1990 | ANNUAL AVERAGE 1989 | % CHANGE FROM 1989-1990 |
|---|---|---|---|
| **FARGO-MOORHEAD MSA** | | | |
| **TOTAL NONAG** | 77,850 | 74,850 | 4.0% |
| GOODS PRODUCING | 9,450 | 8,900 | 6.2% |
| MINING & CONSTRUCTION | 3,700 | 3,600 | 2.8% |
| Special Trades | 2,000 | 1,950 | 2.6% |
| Other Construction & Mining | 1,700 | 1,650 | 3.0% |
| MANUFACTURING | 5,750 | 5,300 | 8.5% |
| Durable Goods | 2,850 | 2,550 | 11.8% |
| Fabricated Metal & Machinery | 1,500 | 1,350 | 11.1% |
| Other Durable Goods | 1,350 | 1,200 | 12.5% |
| Nondurable Goods | 2,900 | 2,750 | 5.5% |
| Food & Kindred | 1,850 | 1,750 | 5.7% |
| Other Nondurables | 1,050 | 1,000 | 5.0% |
| SERVICES PRODUCING | 68,400 | 65,950 | 3.7% |
| TRANS, COMM & UTIL | 4,700 | 4,650 | 1.1% |
| Trucking & Warehousing | 2,200 | 2,000 | 10.0% |
| Other Transportation | 950 | 950 | 0.0% |
| Communications & Utilities | 1,550 | 1,700 | -8.8% |
| WHOLESALE TRADE | 6,800 | 6,700 | 1.5% |
| Durable | 3,800 | 3,800 | 0.0% |
| Nondurable | 3,000 | 2,900 | 3.4% |
| RETAIL TRADE | 15,650 | 15,000 | 4.3% |
| General Merchandise & Apparel | 3,000 | 2,900 | 3.4% |
| Food Stores | 2,000 | 1,950 | 2.6% |
| Auto Dealers & Svc. Stations | 1,950 | 1,750 | 11.4% |
| Eating & Drinking Places | 5,900 | 5,600 | 5.4% |
| Other Retail | 2,800 | 2,800 | 0.0% |
| FINANCE, INS & R E | 4,600 | 4,450 | 3.4% |
| Finance | 2,000 | 2,000 | 0.0% |
| Insurance Carriers | 1,500 | 1,450 | 3.4% |
| Other Fin, Ins. & R.Estate | 1,100 | 1,000 | 10.0% |
| SERVICES | 21,800 | 20,800 | 4.8% |
| Lodging | 1,350 | 1,250 | 8.0% |
| Personal & Business | 3,700 | 3,500 | 5.7% |
| Recreation & Amusement | 900 | 900 | 0.0% |
| Health Services | 8,000 | 7,700 | 3.9% |
| Educational Services | 1,900 | 1,900 | 0.0% |
| Social Services | 1,700 | 1,600 | 6.3% |
| Membership Services | 1,550 | 1,450 | 6.9% |
| Other Services | 2,700 | 2,500 | 8.0% |
| GOVERNMENT | 14,850 | 14,350 | 3.5% |
| Federal | 2,300 | 2,200 | 4.5% |
| State | 5,950 | 5,850 | 1.7% |
| State School | 5,400 | 5,300 | 1.9% |
| Other State | 550 | 550 | 0.0% |
| Local | 6,600 | 6,300 | 4.8% |
| Local School | 3,900 | 3,700 | 5.4% |
| Other Local | 2,700 | 2,600 | 3.8% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | ANNUAL AVERAGE 1990 | ANNUAL AVERAGE 1989 | % CHANGE FROM 1989-1990 |
|---|---|---|---|
| **GRAND FORKS MSA** | | | |
| **TOTAL NONAG** | 31,450 | 31,000 | 1.5% |
| GOODS PRODUCING | 2,750 | 2,950 | -6.8% |
| MINING & CONSTRUCTION | 1,250 | 1,350 | -7.4% |
| MANUFACTURING | 1,500 | 1,600 | -6.3% |
| Durable Goods | 550 | 550 | 0.0% |
| Nondurable Goods | 950 | 1,050 | -9.5% |
| SERVICES PRODUCING | 28,700 | 28,050 | 2.3% |
| TRANS, COMM. & UTIL. | 1,700 | 1,650 | 3.0% |
| Transportation | 1,000 | 1,000 | 0.0% |
| Communications & Utilities | 700 | 650 | 7.7% |
| WHOLESALE TRADE | 1,550 | 1,550 | 0.0% |
| RETAIL TRADE | 7,600 | 7,350 | 3.4% |
| General Merchandise & Apparel | 1,900 | 1,850 | 2.7% |
| Eating & Drinking Places | 2,800 | 2,700 | 3.7% |
| Other Retail | 2,900 | 2,800 | 3.6% |
| FINANCE, INS. & R E | 1,100 | 1,150 | -4.3% |
| SERVICES | 7,200 | 7,000 | 2.9% |
| Personal & Business | 1,000 | 900 | 11.1% |
| Health | 2,800 | 2,800 | 0.0% |
| Other Services | 3,400 | 3,300 | 3.0% |
| GOVERNMENT | 9,550 | 9,350 | 2.1% |
| Federal | 1,550 | 1,500 | 3.3% |
| State | 5,450 | 5,400 | 0.9% |
| State School | 5,000 | 4,900 | 2.0% |
| Other State | 450 | 500 | -10.0% |
| Local | 2,550 | 2,450 | 4.1% |
| Local School | 1,350 | 1,300 | 3.8% |
| Other Local | 1,200 | 1,150 | 4.3% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | ANNUAL AVERAGE 1990 | ANNUAL AVERAGE 1989 | % CHANGE FROM 1989-1990 |
|---|---|---|---|
| **BISMARCK MSA** | | | |
| TOTAL NONAG | 40,100 | 38,800 | 3.4% |
| GOODS PRODUCING | 4,200 | 3,850 | 9.1% |
| MINING & CONSTRUCTION | 1,950 | 1,700 | 14.7% |
| MANUFACTURING | 2,250 | 2,150 | 4.7% |
| Durable Goods | 950 | 900 | 5.6% |
| Nondurable Goods | 1,300 | 1,250 | 4.0% |
| SERVICES PRODUCING | 35,900 | 34,950 | 2.7% |
| TRANS, COMM. & UTIL. | 2,850 | 2,750 | 3.6% |
| Transportation | 1,200 | 1,150 | 4.3% |
| Communications & Utilities | 1,650 | 1,600 | 3.1% |
| WHOLESALE TRADE | 2,200 | 2,300 | -4.3% |
| RETAIL TRADE | 8,200 | 7,950 | 3.1% |
| General Merchandise & Apparel | 1,700 | 1,700 | 0.0% |
| Food Stores | 1,050 | 1,000 | 5.0% |
| Auto Dealers & Svc. Stations | 1,100 | 1,100 | 0.0% |
| Eating & Drinking Places | 2,700 | 2,600 | 3.8% |
| Other Retail | 1,650 | 1,550 | 6.5% |
| FINANCE, INS. & R E | 1,500 | 1,550 | -3.2% |
| SERVICES | 12,350 | 11,600 | 6.5% |
| Lodging | 950 | 900 | 5.6% |
| Personal & Business | 1,450 | 1,350 | 7.4% |
| Health Services | 5,100 | 4,700 | 8.5% |
| Educational Services | 700 | 700 | 0.0% |
| Social Services | 1,150 | 1,050 | 9.5% |
| Membership Services | 1,300 | 1,250 | 4.0% |
| Other Services | 1,700 | 1,650 | 3.0% |
| GOVERNMENT | 8,800 | 8,800 | 0.0% |
| Federal | 1,150 | 1,150 | 0.0% |
| State | 4,000 | 4,000 | 0.0% |
| State Schools | 300 | 300 | 0.0% |
| Other State | 3,700 | 3,700 | 0.0% |
| Local | 3,650 | 3,650 | 0.0% |
| Local Schools | 2,000 | 2,000 | 0.0% |
| Other Local | 1,650 | 1,650 | 0.0% |

# LABOR FORCE
# NORTH DAKOTA AND MSA'S
# ANNUAL AVERAGES

| | AVERAGE<br>1990 | AVERAGE<br>1989 | % CHANGE<br>1989-1990 |
|---|---|---|---|
| **NORTH DAKOTA** | | | |
| Labor Force | 325,000 | 331,000 | -1.8% |
| Employment | 312,000 | 317,000 | -1.6% |
| Unemployment | 13,000 | 14,000 | -7.1% |
| Unemployment Rate | 3.9% | 4.3% | xxx |
| **FARGO-MOORHEAD MSA** | | | |
| Labor Force | 88,530 | 87,410 | 1.3% |
| Employment | 86,100 | 85,010 | 1.3% |
| Unemployment | 2,430 | 2,400 | 1.3% |
| Unemployment Rate | 2.7% | 2.8% | xxx |
| **GRAND FORKS MSA** | | | |
| Labor Force | 35,800 | 36,180 | -1.1% |
| Employment | 34,500 | 34,830 | -0.9% |
| Unemployment | 1,300 | 1,350 | -3.7% |
| Unemployment Rate | 3.6% | 3.7% | xxx |
| **BISMARCK MSA** | | | |
| Labor Force | 47,180 | 47,100 | 0.2% |
| Employment | 45,350 | 45,130 | 0.5% |
| Unemployment | 1,830 | 1,970 | -7.1% |
| Unemployment Rate | 3.9% | 4.2% | xxx |

# NORTH DAKOTA
# MANUFACTURING HOURS AND EARNINGS
# ANNUAL AVERAGES

| | Annual Average Weekly Earnings | | | Annual Average Weekly Hours | | | Annual Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| INDUSTRY | 1990 | 1989 | % change | 1990 | 1989 | % change | 1990 | 1989 | % change |
| MANUFACTURING | 352.54 | 350.24 | 0.7% | 39.7 | 39.8 | -0.3% | 8.88 | 8.80 | 0.9% |
| Durable Goods | 375.33 | 378.00 | -0.7% | 41.2 | 42.0 | -1.9% | 9.11 | 9.00 | 1.2% |
| Nondurable Goods | 326.42 | 321.00 | 1.7% | 38.0 | 37.5 | 1.3% | 8.59 | 8.56 | 0.4% |
| Food & Kindred | 333.20 | 333.20 | 0.0% | 40.0 | 40.0 | 0.0% | 8.33 | 8.33 | 0.0% |

# FARGO-MOORHEAD MSA
# MANUFACTURING HOURS AND EARNINGS
# ANNUAL AVERAGES

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| INDUSTRY | 1990 | 1989 | % change | 1990 | 1989 | % change | 1990 | 1989 | % change |
| MANUFACTURING | 338.52 | 352.93 | -4.1% | 38.6 | 39.7 | -2.8% | 8.77 | 8.89 | -1.3% |
| Durable Goods | 336.08 | 348.65 | -3.6% | 39.4 | 40.4 | -2.5% | 8.53 | 8.63 | -1.2% |
| Nondurable Goods | 342.62 | 357.24 | -4.1% | 37.9 | 39.0 | -2.8% | 9.04 | 9.16 | -1.3% |

# LABOR FORCE - BY COUNTY - BY REGION
## ANNUAL AVERAGES

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1990 | 1989 | % CHANGE | 1990 | 1989 | % CHANGE | 1990 | 1989 | % CHANGE | 1990 | 1989 |
| Divide | 1,332 | 1,438 | -7.4% | 1,306 | 1,401 | -6.8% | 26 | 37 | -29.7% | 2.0% | 2.6% |
| McKenzie | 2,668 | 2,908 | -8.3% | 2,586 | 2,796 | -7.5% | 82 | 112 | -26.8% | 3.1% | 3.9% |
| Williams | 10,975 | 11,432 | -4.0% | 10,560 | 10,931 | -3.4% | 415 | 501 | -17.2% | 3.8% | 4.4% |
| REGION 1 | 14,975 | 15,778 | -5.1% | 14,452 | 15,128 | -4.5% | 523 | 650 | -19.5% | 3.5% | 4.1% |
| Bottineau | 3,215 | 3,486 | -7.8% | 3,058 | 3,316 | -7.8% | 157 | 170 | -7.6% | 4.9% | 4.9% |
| Burke | 1,279 | 1,333 | -4.1% | 1,224 | 1,274 | -3.9% | 55 | 59 | -6.8% | 4.3% | 4.4% |
| McHenry | 2,516 | 2,612 | -3.7% | 2,242 | 2,335 | -4.0% | 274 | 277 | -1.1% | 10.9% | 10.6% |
| Mountrail | 3,212 | 3,258 | -1.4% | 3,015 | 3,032 | -0.6% | 197 | 226 | -12.8% | 6.1% | 6.9% |
| Pierce | 2,411 | 2,581 | -6.6% | 2,336 | 2,507 | -6.8% | 75 | 74 | 1.4% | 3.1% | 2.9% |
| Renville | 1,146 | 1,199 | -4.4% | 1,106 | 1,146 | -3.5% | 40 | 53 | -24.5% | 3.5% | 4.4% |
| Ward | 25,768 | 26,037 | -1.0% | 24,648 | 24,807 | -0.6% | 1,120 | 1,230 | -8.9% | 4.3% | 4.7% |
| REGION 2 | 39,547 | 40,506 | -2.4% | 37,629 | 38,417 | -2.1% | 1,918 | 2,089 | -8.2% | 4.8% | 5.2% |
| Benson | 2,847 | 3,364 | -15.4% | 2,565 | 3,094 | -17.1% | 282 | 270 | 4.4% | 9.9% | 8.0% |
| Cavalier | 2,516 | 2,643 | -4.8% | 2,384 | 2,492 | -4.3% | 132 | 151 | -12.6% | 5.2% | 5.7% |
| Eddy | 1,366 | 1,440 | -5.1% | 1,255 | 1,342 | -6.5% | 111 | 98 | 13.3% | 8.1% | 6.8% |
| Ramsey | 6,594 | 6,551 | 0.7% | 6,366 | 6,307 | 0.9% | 228 | 244 | -6.6% | 3.5% | 3.7% |
| Rolette | 4,428 | 4,275 | 3.6% | 3,764 | 3,604 | 4.4% | 664 | 671 | -1.0% | 15.0% | 15.7% |
| Towner | 1,723 | 1,741 | -1.0% | 1,670 | 1,692 | -1.3% | 53 | 49 | 8.2% | 3.1% | 2.8% |
| REGION 3 | 19,474 | 20,014 | -2.7% | 18,004 | 18,531 | -2.8% | 1,470 | 1,483 | -0.9% | 7.5% | 7.4% |
| Grand Forks | 35,804 | 36,178 | -1.0% | 34,500 | 34,830 | -0.9% | 1,304 | 1,348 | -3.3% | 3.6% | 3.7% |
| Nelson | 1,831 | 1,921 | -4.7% | 1,755 | 1,833 | -4.3% | 76 | 88 | -13.6% | 4.2% | 4.6% |
| Pembina | 5,192 | 5,350 | -3.0% | 4,768 | 4,902 | -2.7% | 424 | 448 | -5.4% | 8.2% | 8.4% |
| Walsh | 7,672 | 8,331 | -7.9% | 7,329 | 7,974 | -8.1% | 343 | 357 | -3.9% | 4.5% | 4.3% |
| REGION 4 | 50,499 | 51,780 | -2.5% | 48,352 | 49,539 | -2.4% | 2,147 | 2,241 | -4.2% | 4.3% | 4.3% |
| Cass | 62,459 | 62,074 | 0.6% | 61,079 | 60,675 | 0.7% | 1,380 | 1,399 | -1.4% | 2.2% | 2.3% |
| Ransom | 2,634 | 2,726 | -3.4% | 2,566 | 2,654 | -3.3% | 68 | 72 | -5.6% | 2.6% | 2.6% |
| Richland | 8,584 | 8,785 | -2.3% | 8,280 | 8,453 | -2.0% | 304 | 332 | -8.4% | 3.5% | 3.8% |
| Sargent | 2,727 | 2,678 | 1.8% | 2,683 | 2,613 | 2.7% | 44 | 65 | -32.3% | 1.6% | 2.4% |
| Steele | 1,047 | 1,140 | -8.2% | 1,012 | 1,084 | -6.6% | 35 | 56 | -37.5% | 3.3% | 4.9% |
| Traill | 4,201 | 4,372 | -3.9% | 4,041 | 4,210 | -4.0% | 160 | 162 | -1.2% | 3.8% | 3.7% |
| REGION 5 | 81,652 | 81,775 | -0.2% | 79,661 | 79,689 | 0.0% | 1,991 | 2,086 | -4.6% | 2.4% | 2.6% |

# LABOR FORCE - BY COUNTY - BY REGION
## ANNUAL AVERAGES

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1990 | 1989 | % CHANGE | 1990 | 1989 | % CHANGE | 1990 | 1989 | % CHANGE | 1990 | 1989 |
| Barnes | 5,664 | 5,718 | -0.9% | 5,476 | 5,500 | -0.4% | 188 | 218 | -13.8% | 3.3% | 3.8% |
| Dickey | 2,994 | 3,108 | -3.7% | 2,919 | 3,028 | -3.6% | 75 | 80 | -6.3% | 2.5% | 2.6% |
| Foster | 2,140 | 2,143 | -0.1% | 2,049 | 2,060 | -0.5% | 91 | 83 | 9.6% | 4.3% | 3.9% |
| Griggs | 1,481 | 1,547 | -4.3% | 1,429 | 1,487 | -3.9% | 52 | 60 | -13.3% | 3.5% | 3.9% |
| La Moure | 2,252 | 2,360 | -4.6% | 2,178 | 2,277 | -4.3% | 74 | 83 | -10.8% | 3.3% | 3.5% |
| Logan | 1,405 | 1,495 | -6.0% | 1,362 | 1,455 | -6.4% | 43 | 40 | 7.5% | 3.1% | 2.7% |
| McIntosh | 2,186 | 2,225 | -1.8% | 2,147 | 2,183 | -1.6% | 39 | 42 | -7.1% | 1.8% | 1.9% |
| Stutsman | 11,455 | 11,997 | -4.5% | 11,033 | 11,566 | -4.6% | 422 | 431 | -2.1% | 3.7% | 3.6% |
| Wells | 2,736 | 2,854 | -4.1% | 2,557 | 2,673 | -4.3% | 179 | 181 | -1.1% | 6.5% | 6.3% |
| **REGION 6** | **32,313** | **33,447** | **-3.4%** | **31,150** | **32,229** | **-3.3%** | **1,163** | **1,218** | **-4.5%** | **3.6%** | **3.6%** |
| Burleigh | 34,518 | 34,427 | 0.3% | 33,276 | 33,115 | 0.5% | 1,242 | 1,312 | -5.3% | 3.6% | 3.8% |
| Emmons | 2,115 | 2,188 | -3.3% | 2,021 | 2,086 | -3.1% | 94 | 102 | -7.8% | 4.4% | 4.7% |
| Grant | 1,698 | 1,783 | -4.8% | 1,638 | 1,696 | -3.4% | 60 | 87 | -31.0% | 3.5% | 4.9% |
| Kidder | 1,493 | 1,527 | -2.2% | 1,367 | 1,409 | -3.0% | 126 | 118 | 6.8% | 8.4% | 7.7% |
| McLean | 4,342 | 4,518 | -3.9% | 4,098 | 4,256 | -3.7% | 244 | 262 | -6.9% | 5.6% | 5.8% |
| Mercer | 5,579 | 5,807 | -3.9% | 5,256 | 5,457 | -3.7% | 323 | 350 | -7.7% | 5.8% | 6.0% |
| Morton | 12,661 | 12,667 | 0.0% | 12,070 | 12,012 | 0.5% | 591 | 655 | -9.8% | 4.7% | 5.2% |
| Oliver | 1,084 | 1,119 | -3.1% | 1,035 | 1,056 | -2.0% | 49 | 63 | -22.2% | 4.5% | 5.6% |
| Sheridan | 1,115 | 1,167 | -4.5% | 1,054 | 1,100 | -4.2% | 61 | 67 | -9.0% | 5.5% | 5.7% |
| Sioux | 1,121 | 1,082 | 3.6% | 925 | 862 | 7.3% | 196 | 220 | -10.9% | 17.5% | 20.3% |
| **REGION 7** | **65,726** | **66,285** | **-0.8%** | **62,740** | **63,049** | **-0.5%** | **2,986** | **3,236** | **-7.7%** | **4.5%** | **4.9%** |
| Adams | 1,679 | 1,625 | 3.3% | 1,643 | 1,586 | 3.6% | 36 | 39 | -7.7% | 2.1% | 2.4% |
| Billings | 877 | 909 | -3.5% | 850 | 877 | -3.1% | 27 | 32 | -15.6% | 3.1% | 3.5% |
| Bowman | 2,061 | 2,156 | -4.4% | 2,021 | 2,092 | -3.4% | 40 | 64 | -37.5% | 1.9% | 3.0% |
| Dunn | 1,621 | 1,604 | 1.1% | 1,529 | 1,454 | 5.2% | 92 | 150 | -38.7% | 5.7% | 9.4% |
| Gldn Valley | 1,012 | 1,054 | -4.0% | 990 | 1,025 | -3.4% | 22 | 29 | -24.1% | 2.2% | 2.8% |
| Hettinger | 1,725 | 1,827 | -5.6% | 1,649 | 1,754 | -6.0% | 76 | 73 | 4.1% | 4.4% | 4.0% |
| Slope | 435 | 472 | -7.8% | 406 | 439 | -7.5% | 29 | 33 | -12.1% | 6.7% | 7.0% |
| Stark | 11,403 | 11,775 | -3.2% | 10,923 | 11,194 | -2.4% | 480 | 581 | -17.4% | 4.2% | 4.9% |
| **REGION 8** | **20,813** | **21,422** | **-2.8%** | **20,011** | **20,421** | **-2.0%** | **802** | **1,001** | **-19.9%** | **3.9%** | **4.7%** |
| **STATE TOTAL** | 325,000 | 331,000 | -1.8% | 312,000 | 317,000 | -1.6% | 13,000 | 14,004 | -7.2% | 3.9% | 4.2% |

# DEFINITIONS

**EMPLOYED**: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE**: The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX**: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

# JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
**216 Second Street**
**Phone: 224-2880**

**BEULAH**
**119 East Main**
**Phone: 873-5607**

**DEVILS LAKE**
**301 South College Drive**
**Phone: 662- 2181**

**DICKINSON**
**66 Osborn Drive**
**Phone: 227-2361**

**FARGO**
**1350 32nd Street South**
**Phone: 237-7113**

**NDSU-FARGO**
**Job Information and**
**Placement Center**
**211 Ceres Hall**
**Phone: 237-7111**

**FORT TOTTEN**
**Tribal Building**
**Phone: 766-4221, Ext. 45**

**FORT YATES**
**Job Service Building**
**Phone: 854-7463**

**GRAFTON**
**927 12th St. West**
**Phone: 352-2202**

**GRAND FORKS**
**2016 South Washington**
**Phone: 777-3711**

**UND-GRAND FORKS**
**McCannel Hall- Room 141**
**Phone: 777-3904**

**HARVEY**
**119 9th St. West**
**Phone: 324-4552**

**HETTINGER**
**606 2nd Avenue North**
**Phone: 567-2156**

**JAMESTOWN**
**429 2nd Street Southwest**
**Phone: 251-2256**

**MANDAN**
**501 1st Street Northwest**
**Phone: 663-6461**

**MINOT**
**3416 North Broadway**
**Phone: 857-7650**

**NEW TOWN**
**Tribal Administration Building**
**Phone: 627-4390**

**OAKES**
**517 Main Ave.**
**PHONE: 742-2546**

**ROLLA**
**103 East Main**
**Phone: 477-5631**

**VALLEY CITY**
**2425 West Main**
**Phone: 845-7261**

**WAHPETON**
**524 2nd Avenue North**
**Phone: 671-2711**

**WILLISTON**
**422 1st Avenue West**
**Phone: 774-4370**

S6140-4

March, 1991

Volume 7, Number 3

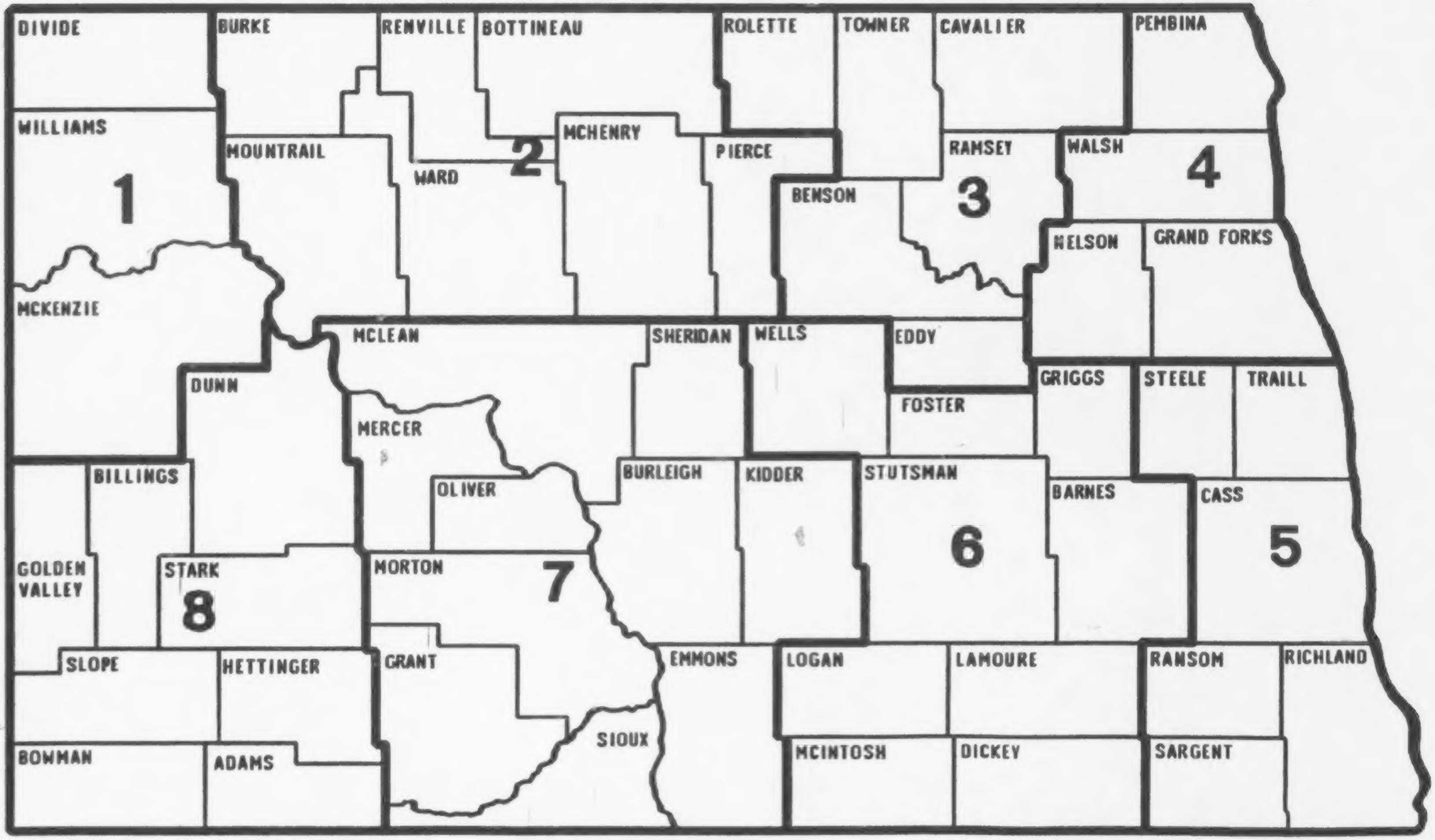
JOB
SERVICE
North Dakota

# The North Dakota Labor Market Advisor

## THE AMERICAN FAMILY

# NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
WARD
2
MCHENRY
PIERCE
RAMSEY
WALSH
4
1
BENSON
3
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
GRIGGS
STEELE
TRAILL
DUNN
MERCER
FOSTER
BILLINGS
OLIVER
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
GOLDEN VALLEY
STARK
8
MORTON
7
6
5
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

# THE
# NORTH DAKOTA
# LABOR MARKET ADVISOR

March, 1991

**GEORGE A. SINNER, GOVERNOR**
**STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

**Micheal V. Deisz**
**Executive Director**

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Director
(701) 224-2868

# THE AMERICAN FAMILY

*An old axiom often quoted is, "The more things change, the more they stay the same."*

That phrase can still be used today even though we live in a more technological society. Cars have replaced horses, computers replaced calculators which replaced manually calculated data, electric lights replaced lanterns, etc. The list of changes goes on and on, but one thing that stays the same is the users of all this technology--people. People and all their characteristics have been around for a long time--still loving, hating, laughing, crying, building, destroying as they have for centuries. Within these human characteristics seems to be the need to develop a family. Families still exist, but the form has changed over the years. Within the paragraphs below will be a discussion of how the family is still the same and yet how it has changed over the years.

The age at which a person marries has changed and hasn't changed in the last 100 years. About 100 years ago, the median age at first marriage was 26.1 for men and 22.0 for women. Then, by the mid-1950's, the median age had dropped to 22.5 for men and 20.1 for women. Since then, the median age has moved up again, reaching 25.9 for men and 23.6 for women ( a record age for women so far).

The prime period for marriage is theoretically considered to be between 20 to 34 years of age. The proportion of men and women of prime marrying age did not change much between 1960 and 1970, but between 1970 and 1980, a large change did occur. The proportion of men who had not married had doubled since 1970, and the proportion of women unmarried had increased by three times. Despite these trends, marriage has not died, and it is estimated that 90 percent of the population will eventually marry.

Fertility, which is defined as the estimated number of children that a woman would have at the end of her childbearing years, has been declining since 1960. During 1960, the total fertility rate was 3.7 children per woman, which dropped dramatically to 1.8 children in 1975. Since 1975, the fertility rate has remained stable. Do not be confused by the fact that the "number" of births has risen significantly; this rise is due to the large number of females in the baby boom generation.

Because of all the changes in marital and fertility patterns, the average size of a family has declined since 1960. In 1988, there were 2.64 persons per household and 3.17 persons per family. The 1988 averages are at record lows.

Households have dramatically changed during the last 30 years. In 1960, 75 percent of all households were married-couple households, but, by 1988, this figure had dropped to 57 percent. Also declining is the number of households with children, which was 44 percent in 1960 and only 27 percent in 1988.

There are usually three major types of families: married-couple, female householders with no husband present, and male householders with no wife present. In 1970, the proportion of families maintained by female householders increased from 9 percent to 13 percent of white families and from 28 percent to 43 percent of black families. Related to the number of single householders is the fact that 24 percent of children under the age of 18 were living with only one parent in 1988. That compares to 12 percent in 1970 and 9 percent in 1960. Approximately 9 in 10 children in a single-parent family live with the mother. Black children had the highest percent (54) living with just one parent, while white children were at 19 percent. One estimate has it that 60 percent of the children born today will spend some of their childhood in a one-parent situation. In 1960, 23 percent of the children lived with a divorced parent, while 4 percent lived with a never-married parent. By 1988, those figures had risen to 38 percent and 31 percent.

Between 1976 and 1988, the percentage of working women age 18 to 44 years with a child less than one year old increased from 31 percent to 51 percent. In 1988, it was estimated that there were 1.9 million women with newborns in the labor force. Between 1976 and 1987, married-couple families with children in which both spouses worked increased from 33 percent to 46 percent. During this same time period, the typical family consisting of the wife at home with the children and the husband working declined from 43 percent to 28 percent.

Working parents used many types of child care arrangements in order to continue their employment. Nearly 31 percent of preschoolers with working mothers were cared for in the child's home, mainly by the child's father. Another 37 percent were cared for in another home, while 23 percent went to organized day care, and 8 percent were cared for by their mothers while they worked out of their homes or were able to bring their offspring with them when they worked away from home.

Education levels achieved by parents have increased significantly between 1960 and 1988. The household heads in married-couple families with 4 or more years of college increased from 12 percent to 26 percent. On the other side, the proportion who completed less than 4 years of high school decreased from 50 percent to 16 percent. In mother-child families, mothers with 4 or more years of college increased from 4 percent to 10 percent and those completing less than 4 years of high school decreased from 62 percent to 28 percent.

Income between the various family types varies enormously. The median family income of married-couple families was $34,700 in 1987. In comparison, mother-child families earned only $14,620. Between 1947 and 1987, real median income of married-couple families rose by 200 percent, while income for families maintained by women only rose by 32 percent. Poverty affects not only family type but racial background. About 37 percent of black families with children were poor in 1988, compared to 32 percent for Hispanic families and only 12 percent for white families. In 1985, about 4.4 million women were supposed to receive child support. Only about one-half received the full amount, and the rest received some portion or none at all.

To reiterate, the family still exists as a human institution, yet the concept and the reality of what constitutes a family has changed over the years--different, yet the same.

Most of the information contained in this article was gleaned from an article entitled "American Family Life" from the report Family Economics Review, a United States Department of Agriculture publication. If you would like additional information, please contact the Research and Statistics Section of Job Service North Dakota at the address or phone number on the title page of this publication.

**Warren Boyd**
**Research Analyst**

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | March 1991 | February 1991 | February 1991 | March 1990 | March 1990 |
| **TOTAL NONAG** | 265,300 | 263,500 | 0.7% | 259,600 | 2.2% |
| GOODS PRODUCING | 29,200 | 29,100 | 0.3% | 28,250 | 3.4% |
| MINING | 3,950 | 4,050 | -2.5% | 3,950 | 0.0% |
| Coal | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| Crude Petroleum & Nat. Gas | 2,700 | 2,800 | -3.6% | 2,700 | 0.0% |
| Other Mining | 200 | 200 | 0.0% | 200 | 0.0% |
| CONSTRUCTION | 7,700 | 7,450 | 3.4% | 7,400 | 4.1% |
| Building Construction | 1,900 | 1,950 | -2.6% | 2,100 | -9.5% |
| Street, Highway & Heavy | 1,500 | 1,300 | 15.4% | 1,100 | 36.4% |
| Special Trade Construction | 4,300 | 4,200 | 2.4% | 4,200 | 2.4% |
| MANUFACTURING | 17,550 | 17,600 | -0.3% | 16,900 | 3.8% |
| Durable Goods | 8,850 | 8,900 | -0.6% | 8,700 | 1.7% |
| Fabricated Metals | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| Machinery, Electric & Trans. Equip | 5,550 | 5,650 | -1.8% | 5,550 | 0.0% |
| Machinery & Electrical Equipment | 3,800 | 3,900 | -2.6% | 3,900 | -2.6% |
| Transportation Equipment | 1,750 | 1,750 | 0.0% | 1,650 | 6.1% |
| Other Durable Goods | 2,250 | 2,200 | 2.3% | 2,100 | 7.1% |
| Lumber & Wood | 1,200 | 1,200 | 0.0% | 1,050 | 14.3% |
| Misc Durable Goods | 1,050 | 1,000 | 5.0% | 1,050 | 0.0% |
| Nondurable Goods | 8,700 | 8,700 | 0.0% | 8,200 | 6.1% |
| Food & Kindred Products | 4,600 | 4,650 | -1.1% | 4,300 | 7.0% |
| Dairy Products | 600 | 600 | 0.0% | 650 | -7.7% |
| Grain Mill & Bakery Products | 1,150 | 1,150 | 0.0% | 800 | 43.8% |
| Sugar & Confectionary | 900 | 1,000 | -10.0% | 950 | -5.3% |
| Other Foods | 1,950 | 1,900 | 2.6% | 1,900 | 2.6% |
| Paper Products & Printing & Publishing | 2,600 | 2,600 | 0.0% | 2,500 | 4.0% |
| Other Nondurable Goods | 1,500 | 1,450 | 3.4% | 1,400 | 7.1% |
| SERVICES PRODUCING | 236,100 | 234,400 | 0.7% | 231,350 | 2.1% |
| TRAN, COMM & UTILITIES | 17,100 | 17,050 | 0.3% | 16,900 | 1.2% |
| Transportation | 9,000 | 8,950 | 0.6% | 8,800 | 2.3% |
| Trucking & Warehousing | 5,000 | 5,000 | 0.0% | 4,900 | 2.0% |
| Other Transportation | 4,000 | 3,950 | 1.3% | 3,900 | 2.6% |
| Railroads | 1,850 | 1,800 | 2.8% | 1,850 | 0.0% |
| Local & Suburban Transportation | 900 | 900 | 0.0% | 950 | -5.3% |
| Water, Air & Pipeline | 1,250 | 1,250 | 0.0% | 1,100 | 13.6% |
| Communications | 3,400 | 3,400 | 0.0% | 3,400 | 0.0% |
| Utilities | 4,700 | 4,700 | 0.0% | 4,700 | 0.0% |
| WHOLESALE TRADE | 19,100 | 19,000 | 0.5% | 18,900 | 1.1% |
| Durable Goods | 8,700 | 8,700 | 0.0% | 8,800 | -1.1% |
| Nondurable Goods | 10,400 | 10,300 | 1.0% | 10,100 | 3.0% |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | March 1991 | February 1991 | February 1991 | March 1990 | March 1990 |
| RETAIL TRADE | 50,550 | 49,950 | 1.2% | 48,900 | 3.4% |
| Hardware & Garden | 2,300 | 2,200 | 4.5% | 2,200 | 4.5% |
| General Merchandise | 6,900 | 7,100 | -2.8% | 6,300 | 9.5% |
| Food Stores | 7,200 | 7,100 | 1.4% | 6,900 | 4.3% |
| Auto Dealers & Service Stations | 6,800 | 6,700 | 1.5% | 6,700 | 1.5% |
| Apparel & Accessory | 2,400 | 2,400 | 0.0% | 2,500 | -4.0% |
| Furniture Stores | 1,650 | 1,650 | 0.0% | 1,600 | 3.1% |
| Eating & Drinking Places | 17,700 | 17,300 | 2.3% | 17,400 | 1.7% |
| Misc Retail | 5,600 | 5,500 | 1.8% | 5,300 | 5.7% |
| FINANCE, INS & REAL ESTATE | 12,550 | 12,550 | 0.0% | 12,300 | 2.0% |
| Finance | 6,550 | 6,550 | 0.0% | 6,550 | 0.0% |
| Banking | 5,600 | 5,600 | 0.0% | 5,600 | 0.0% |
| Other Finance | 950 | 950 | 0.0% | 950 | 0.0% |
| Insurance | 4,150 | 4,150 | 0.0% | 3,900 | 6.4% |
| Insurance Underwriters | 2,600 | 2,600 | 0.0% | 2,500 | 4.0% |
| Insurance Agents & Brokers | 1,550 | 1,550 | 0.0% | 1,400 | 10.7% |
| Real Estate | 1,850 | 1,850 | 0.0% | 1,850 | 0.0% |
| SERVICES | 70,300 | 69,750 | 0.8% | 67,550 | 4.1% |
| Lodging | 4,600 | 4,500 | 2.2% | 4,400 | 4.5% |
| Personal & Business | 8,300 | 8,300 | 0.0% | 8,000 | 3.8% |
| Personal Services | 3,200 | 3,200 | 0.0% | 3,200 | 0.0% |
| Business Services | 5,100 | 5,100 | 0.0% | 4,800 | 6.3% |
| Recreational Services | 2,400 | 2,300 | 4.3% | 2,300 | 4.3% |
| Health Services | 29,100 | 29,000 | 0.3% | 28,000 | 3.9% |
| Nursing & Hospital | 21,300 | 21,200 | 0.5% | 20,400 | 4.4% |
| Other Health | 7,800 | 7,800 | 0.0% | 7,600 | 2.6% |
| Educational Services | 3,200 | 3,200 | 0.0% | 3,000 | 6.7% |
| Social Services | 6,900 | 6,900 | 0.0% | 6,400 | 7.8% |
| Membership Organizations | 8,400 | 8,300 | 1.2% | 8,200 | 2.4% |
| Other Services | 7,400 | 7,250 | 2.1% | 7,250 | 2.1% |
| Auto & Misc Repair | 2,500 | 2,400 | 4.2% | 2,300 | 8.7% |
| Legal Services | 1,500 | 1,450 | 3.4% | 1,450 | 3.4% |
| Misc Services | 3,400 | 3,400 | 0.0% | 3,500 | -2.9% |
| GOVERNMENT | 66,500 | 66,100 | 0.6% | 66,800 | -0.4% |
| Federal | 10,100 | 10,000 | 1.0% | 10,600 | -4.7% |
| State & Local | 56,400 | 56,100 | 0.5% | 56,200 | 0.4% |
| State Government | 20,500 | 20,300 | 1.0% | 20,300 | 1.0% |
| Educational Services | 13,400 | 13,300 | 0.8% | 13,400 | 0.0% |
| Other State Government | 7,100 | 7,000 | 1.4% | 6,900 | 2.9% |
| Local Government | 35,900 | 35,800 | 0.3% | 35,900 | 0.0% |
| Educational Services | 18,400 | 18,300 | 0.5% | 18,500 | -0.5% |
| Other Local Government | 17,500 | 17,500 | 0.0% | 17,400 | 0.6% |

# NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | March 1991 | February 1991 | February 1991 | March 1990 | March 1990 |
| **BISMARCK MSA** | | | | | |
| **TOTAL NONAG** | 40,300 | 40,200 | 0.2% | 39,000 | 3.3% |
| GOODS PRODUCING | 3,800 | 3,800 | 0.0% | 3,650 | 4.1% |
| MINING & CONSTRUCTION | 1,550 | 1,550 | 0.0% | 1,550 | 0.0% |
| MANUFACTURING | 2,250 | 2,250 | 0.0% | 2,100 | 7.1% |
| Durable Goods | 900 | 900 | 0.0% | 900 | 0.0% |
| Nondurable Goods | 1,350 | 1,350 | 0.0% | 1,200 | 12.5% |
| SERVICES PRODUCING | 36,500 | 36,400 | 0.3% | 35,350 | 3.3% |
| TRANS, COMM. & UTILITIES | 2,850 | 2,850 | 0.0% | 2,800 | 1.8% |
| Transportation | 1,200 | 1,200 | 0.0% | 1,150 | 4.3% |
| Communications & Utilities | 1,650 | 1,650 | 0.0% | 1,650 | 0.0% |
| WHOLESALE TRADE | 2,100 | 2,100 | 0.0% | 2,200 | -4.5% |
| RETAIL TRADE | 8,150 | 8,100 | 0.6% | 7,900 | 3.2% |
| General Merchandise & Apparel | 1,700 | 1,700 | 0.0% | 1,600 | 6.3% |
| Food Stores | 1,050 | 1,000 | 5.0% | 1,050 | 0.0% |
| Auto Dealers & Service Stations | 1,000 | 1,000 | 0.0% | 1,050 | -4.8% |
| Eating & Drinking Places | 2,700 | 2,700 | 0.0% | 2,600 | 3.8% |
| Other Retail | 1,700 | 1,700 | 0.0% | 1,600 | 6.3% |
| FINANCE, INS. & REAL ESTATE | 1,500 | 1,450 | 3.4% | 1,500 | 0.0% |
| SERVICES | 12,800 | 12,800 | 0.0% | 12,150 | 5.3% |
| Lodging | 1,000 | 1,000 | 0.0% | 950 | 5.3% |
| Personal & Business | 1,450 | 1,450 | 0.0% | 1,400 | 3.6% |
| Health Services | 5,400 | 5,400 | 0.0% | 4,900 | 10.2% |
| Educational Services | 850 | 850 | 0.0% | 850 | 0.0% |
| Social Services | 1,200 | 1,200 | 0.0% | 1,150 | 4.3% |
| Membership Organizations | 1,300 | 1,300 | 0.0% | 1,300 | 0.0% |
| Other Services | 1,600 | 1,600 | 0.0% | 1,600 | 0.0% |
| GOVERNMENT | 9,100 | 9,100 | 0.0% | 8,800 | 3.4% |
| Federal | 1,100 | 1,100 | 0.0% | 1,150 | -4.3% |
| State | 4,200 | 4,200 | 0.0% | 3,950 | 6.3% |
| State Education | 300 | 300 | 0.0% | 350 | -14.3% |
| Other State | 3,900 | 3,900 | 0.0% | 3,600 | 8.3% |
| Local | 3,800 | 3,800 | 0.0% | 3,700 | 2.7% |
| Local Education | 2,100 | 2,100 | 0.0% | 2,100 | 0.0% |
| Other Local | 1,700 | 1,700 | 0.0% | 1,600 | 6.3% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | March 1991 | February 1991 | February 1991 | March 1990 | March 1990 |
| **FARGO-MOORHEAD MSA** | | | | | |
| TOTAL NONAG | 78,250 | 78,200 | 0.1% | 76,100 | 2.8% |
| GOODS PRODUCING | 8,300 | 8,300 | 0.0% | 8,200 | 1.2% |
| MINING & CONSTRUCTION | 2,750 | 2,700 | 1.9% | 2,800 | -1.8% |
| Special Trade | 1,650 | 1,600 | 3.1% | 1,700 | -2.9% |
| Other Mining & Construction | 1,100 | 1,100 | 0.0% | 1,100 | 0.0% |
| MANUFACTURING | 5,550 | 5,600 | -0.9% | 5,400 | 2.8% |
| Durable Goods | 2,700 | 2,750 | -1.8% | 2,700 | 0.0% |
| Fabricated Metals & Machinery | 1,500 | 1,500 | 0.0% | 1,450 | 3.4% |
| Other Durable Goods | 1,200 | 1,250 | -4.0% | 1,250 | -4.0% |
| Nondurable Goods | 2,850 | 2,850 | 0.0% | 2,700 | 5.6% |
| Food & Kindred | 1,850 | 1,850 | 0.0% | 1,700 | 8.8% |
| Other Nondurable Goods | 1,000 | 1,000 | 0.0% | 1,000 | 0.0% |
| SERVICES PRODUCING | 69,950 | 69,900 | 0.1% | 67,900 | 3.0% |
| TRANS, COMM & UTILITIES | 4,800 | 4,700 | 2.1% | 4,700 | 2.1% |
| Trucking & Warehousing | 2,300 | 2,200 | 4.5% | 2,100 | 9.5% |
| Other Transportation | 950 | 950 | 0.0% | 1,000 | -5.0% |
| Communications & Utilities | 1,550 | 1,550 | 0.0% | 1,600 | -3.1% |
| WHOLESALE TRADE | 6,800 | 6,800 | 0.0% | 6,700 | 1.5% |
| Durable Goods | 3,800 | 3,800 | 0.0% | 3,800 | 0.0% |
| Nondurable Goods | 3,000 | 3,000 | 0.0% | 2,900 | 3.4% |
| RETAIL TRADE | 15,800 | 15,800 | 0.0% | 14,950 | 5.7% |
| General Merchandise & Apparel | 3,100 | 3,100 | 0.0% | 2,900 | 6.9% |
| Food Stores | 2,100 | 2,100 | 0.0% | 1,900 | 10.5% |
| Auto Dealers & Service Stations | 2,000 | 2,000 | 0.0% | 1,950 | 2.6% |
| Eating & Drinking Places | 5,900 | 5,900 | 0.0% | 5,600 | 5.4% |
| Other Retail | 2,700 | 2,700 | 0.0% | 2,600 | 3.8% |
| FINANCE, INS & REAL ESTATE | 4,650 | 4,650 | 0.0% | 4,550 | 2.2% |
| Finance | 2,000 | 2,000 | 0.0% | 2,000 | 0.0% |
| Insurance Carriers | 1,600 | 1,550 | 3.2% | 1,500 | 6.7% |
| Other Insurance & Real Estate | 1,050 | 1,100 | -4.5% | 1,050 | 0.0% |
| SERVICES | 22,450 | 22,400 | 0.2% | 21,650 | 3.7% |
| Lodging | 1,400 | 1,350 | 3.7% | 1,350 | 3.7% |
| Personal & Business | 3,800 | 3,800 | 0.0% | 3,600 | 5.6% |
| Recreation & Amusement | 850 | 850 | 0.0% | 800 | 6.3% |
| Health Services | 8,200 | 8,200 | 0.0% | 7,800 | 5.1% |
| Educational Services | 2,200 | 2,200 | 0.0% | 2,200 | 0.0% |
| Social Services | 1,700 | 1,700 | 0.0% | 1,700 | 0.0% |
| Membership Organizations | 1,600 | 1,600 | 0.0% | 1,500 | 6.7% |
| Other Services | 2,700 | 2,700 | 0.0% | 2,700 | 0.0% |
| GOVERNMENT | 15,450 | 15,550 | -0.6% | 15,350 | 0.7% |
| Federal | 2,300 | 2,300 | 0.0% | 2,400 | -4.2% |
| State | 6,350 | 6,350 | 0.0% | 6,250 | 1.6% |
| State Education | 5,800 | 5,800 | 0.0% | 5,700 | 1.8% |
| Other State | 550 | 550 | 0.0% | 550 | 0.0% |
| Local | 6,800 | 6,900 | -1.4% | 6,700 | 1.5% |
| Local Education | 4,200 | 4,200 | 0.0% | 4,200 | 0.0% |
| Other Local | 2,600 | 2,700 | -3.7% | 2,500 | 4.0% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH<br>March 1991 | PREVIOUS MONTH<br>February 1991 | % CHANGE FROM<br>February 1991 | ONE YEAR AGO<br>March 1990 | % CHANGE FROM<br>March 1990 |
|---|---|---|---|---|---|
| **GRAND FORKS MSA** | | | | | |
| **TOTAL NONAG** | 31,950 | 31,850 | 0.3% | 31,150 | 2.6% |
| GOODS PRODUCING | 2,600 | 2,550 | 2.0% | 2,550 | 2.0% |
| MINING & CONSTRUCTION | 850 | 850 | 0.0% | 900 | -5.6% |
| MANUFACTURING | 1,750 | 1,700 | 2.9% | 1,650 | 6.1% |
| Durable Goods | 700 | 700 | 0.0% | 600 | 16.7% |
| Nondurable Goods | 1,050 | 1,000 | 5.0% | 1,050 | 0.0% |
| SERVICES PRODUCING | 29,350 | 29,300 | 0.2% | 28,600 | 2.6% |
| TRANS, COMM. & UTILITIES | 1,700 | 1,700 | 0.0% | 1,700 | 0.0% |
| Transportation | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| Communications & Utilities | 650 | 650 | 0.0% | 700 | -7.1% |
| WHOLESALE TRADE | 1,500 | 1,500 | 0.0% | 1,500 | 0.0% |
| RETAIL TRADE | 7,600 | 7,700 | -1.3% | 7,300 | 4.1% |
| General Merchandise & Apparel | 2,000 | 2,100 | -4.8% | 1,800 | 11.1% |
| Eating & Drinking Places | 2,800 | 2,800 | 0.0% | 2,700 | 3.7% |
| Other Retail | 2,800 | 2,800 | 0.0% | 2,800 | 0.0% |
| FINANCE, INS. & REAL ESTATE | 1,050 | 1,050 | 0.0% | 1,100 | -4.5% |
| SERVICES | 7,350 | 7,350 | 0.0% | 6,950 | 5.8% |
| Personal & Business | 1,050 | 1,050 | 0.0% | 950 | 10.5% |
| Health Services | 2,900 | 2,900 | 0.0% | 2,800 | 3.6% |
| Other Services | 3,400 | 3,400 | 0.0% | 3,200 | 6.3% |
| GOVERNMENT | 10,150 | 10,000 | 1.5% | 10,050 | 1.0% |
| Federal | 1,550 | 1,550 | 0.0% | 1,500 | 3.3% |
| State | 5,950 | 5,850 | 1.7% | 5,950 | 0.0% |
| State Education | 5,500 | 5,400 | 1.9% | 5,500 | 0.0% |
| Other State | 450 | 450 | 0.0% | 450 | 0.0% |
| Local | 2,650 | 2,600 | 1.9% | 2,600 | 1.9% |
| Local Education | 1,500 | 1,450 | 3.4% | 1,450 | 3.4% |
| Other Local | 1,150 | 1,150 | 0.0% | 1,150 | 0.0% |

## UNITED STATES

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | MAR 1991 | FEB 1991 | MAR 1990 | MAR 1991 | FEB 1991 | MAR 1990 | MAR 1991 | FEB 1991 | MAR 1990 |
| MANUFACTURING | 444.31 | 440.10 | 437.53 | 40.1 | 39.9 | 40.7 | 11.08 | 11.03 | 10.75 |
| Durable Goods | 469.80 | 466.62 | 465.75 | 40.5 | 40.4 | 41.4 | 11.60 | 11.55 | 11.25 |
| Nondurable Goods | 410.01 | 407.00 | 399.59 | 39.5 | 39.4 | 39.8 | 10.38 | 10.33 | 10.04 |

## NORTH DAKOTA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | MAR 1991 | FEB 1991 | MAR 1990 | MAR 1991 | FEB 1991 | MAR 1990 | MAR 1991 | FEB 1991 | MAR 1990 |
| MANUFACTURING | 350.84 | 356.00 | 344.19 | 39.2 | 40.0 | 38.5 | 8.95 | 8.90 | 8.94 |
| Durable Goods | 366.96 | 370.06 | 369.66 | 39.8 | 40.8 | 40.4 | 9.22 | 9.07 | 9.15 |
| Nondurable Goods | 333.41 | 341.04 | 314.00 | 38.5 | 39.2 | 36.3 | 8.66 | 8.70 | 8.65 |
| Food & Kindred | 334.84 | 348.57 | 324.76 | 40.1 | 41.3 | 38.8 | 8.35 | 8.44 | 8.37 |

## FARGO-MOORHEAD MSA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | MAR 1991 | FEB 1991 | MAR 1990 | MAR 1991 | FEB 1991 | MAR 1990 | MAR 1991 | FEB 1991 | MAR 1990 |
| MANUFACTURING | 331.38 | 330.37 | 312.92 | 37.7 | 37.8 | 35.6 | 8.79 | 8.74 | 8.79 |
| Durable Goods | 322.62 | 314.80 | 290.28 | 38.0 | 37.7 | 35.1 | 8.49 | 8.35 | 8.27 |
| Nondurable Goods | 340.13 | 344.89 | 338.47 | 37.5 | 37.9 | 36.2 | 9.07 | 9.10 | 9.35 |

# LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | MAR 1991 | FEB 1991 | FEB 1991 | MAR 1990 | MAR 1990 |
| **UNITED STATES** | | | | | |
| **(In Thousands)** | | | | | |
| **Labor Force** | 126,786 | 126,678 | 0.1% | 126,498 | 0.2% |
| **Employment** | 118,214 | 118,520 | -0.3% | 120,003 | -1.5% |
| **Unemployment** | 8,572 | 8,158 | 5.1% | 6,495 | 32.0% |
| **Unemployment Rate** | 6.8% | 6.4% | xxx | 5.1% | xxx |
| **NORTH DAKOTA** | | | | | |
| **Labor Force** | 318,530 | 314,940 | 1.1% | 320,950 | -0.8% |
| **Employment** | 304,700 | 300,290 | 1.5% | 305,480 | -0.3% |
| **Unemployment** | 13,830 | 14,650 | -5.6% | 15,470 | -10.6% |
| **Unemployment Rate** | 4.3% | 4.7% | xxx | 4.8% | xxx |
| **BISMARCK MSA** | | | | | |
| **Labor Force** | 47,090 | 46,620 | 1.0% | 46,540 | 1.2% |
| **Employment** | 45,080 | 44,510 | 1.3% | 44,290 | 1.8% |
| **Unemployment** | 2,010 | 2,110 | -4.7% | 2,250 | -10.7% |
| **Unemployment Rate** | 4.3% | 4.5% | xxx | 4.8% | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| **Labor Force** | 89,350 | 88,880 | 0.5% | 86,840 | 2.9% |
| **Employment** | 86,210 | 85,270 | 1.1% | 83,890 | 2.8% |
| **Unemployment** | 3,140 | 3,610 | -13.0% | 2,950 | 6.4% |
| **Unemployment Rate** | 3.5% | 4.1% | xxx | 3.4% | xxx |
| **GRAND FORKS MSA** | | | | | |
| **Labor Force** | 35,820 | 35,320 | 1.4% | 35,590 | 0.6% |
| **Employment** | 34,590 | 34,140 | 1.3% | 34,290 | 0.9% |
| **Unemployment** | 1,230 | 1,180 | 4.2% | 1,300 | -5.4% |
| **Unemployment Rate** | 3.4% | 3.3% | xxx | 3.7% | xxx |

**U. S. data seasonally adjusted, other data not seasonally adjusted.**

**The Bismarck Metropolitan Statistical Area (MSA) includes Burleigh and Morton Counties.**
**The Fargo-Moorhead MSA includes Cass and Clay Counties.**
**The Grand Forks MSA includes Grand Forks County.**

## BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
FEB 1991

| | NORTH DAKOTA | MINNESOTA | SOUTH DAKOTA | MONTANA |
|---|---|---|---|---|
| **Labor Force** | 315.0 | 2,394.8 | 357.5 | 400.2 |
| **Employment** | 300.3 | 2,237.9 | 343.5 | 370.0 |
| **Unemployment** | 14.7 | 156.9 | 14.0 | 30.2 |
| **Unemployment Rate** | 4.7% | 6.6% | 3.9% | 7.5% |

# U. S. CONSUMER PRICE INDEX

## ALL URBAN CONSUMERS

(1982-84 = 100)

| ITEM | ANNUAL AVERAGE 1990 | MAR 1991 | FEB 1991 | Percent Change From FEB 1991 | MAR 1990 | Percent Change From MAR 1990 |
|---|---|---|---|---|---|---|
| All Items | 130.7 | 135.0 | 134.8 | 0.1% | 128.7 | 4.9% |
| Food & Beverage | 132.1 | 136.3 | 136.0 | 0.2% | 131.2 | 3.9% |
| Housing | 128.5 | 132.6 | 132.4 | 0.2% | 126.8 | 4.6% |
| Apparel & Upkeep | 124.1 | 128.8 | 126.2 | 2.1% | 125.4 | 2.7% |
| Transportation | 120.5 | 122.3 | 123.7 | -1.1% | 116.8 | 4.7% |
| Medical Care | 162.8 | 173.7 | 172.5 | 0.7% | 158.7 | 9.5% |
| Entertainment | 132.4 | 136.7 | 136.2 | 0.4% | 130.9 | 4.4% |
| All Other | 159.0 | 167.9 | 167.4 | 0.3% | 155.2 | 8.2% |

# PRODUCER PRICE INDEX

## UNITED STATES AVERAGE

| ITEM | ANNUAL AVERAGE 1990 | MAR 1991 | FEB 1991 | Percent Change From FEB 1991 | MAR 1990 | Percent Change From MAR 1990 |
|---|---|---|---|---|---|---|
| All Commodities | 116.3 | 116.1 | 117.2 | -0.9% | 114.2 | 1.7% |
| Farm Products & Processed Foods and Feeds | 118.6 | 118.3 | 117.1 | 1.0% | 118.9 | -0.5% |
| Industrial Commodities | 115.8 | 115.6 | 117.2 | -1.4% | 113.2 | 2.1% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MAR'91 | FEB'91 | MAR'90 | MAR'91 | FEB'91 | MAR'90 | MAR'91 | FEB'91 | MAR'90 | MAR'91 | FEB'91 | MAR'90 |
| Divide | 1,277 | 1,232 | 1,344 | 1,229 | 1,198 | 1,323 | 48 | 34 | 21 | 3.8% | 2.8% | 1.6% |
| McKenzie | 2,484 | 2,422 | 2,735 | 2,386 | 2,336 | 2,639 | 98 | 86 | 96 | 3.9% | 3.6% | 3.5% |
| Williams | 10,587 | 10,455 | 10,841 | 10,194 | 10,022 | 10,388 | 393 | 433 | 453 | 3.7% | 4.1% | 4.2% |
| REGION 1 | 14,348 | 14,109 | 14,920 | 13,809 | 13,556 | 14,350 | 539 | 553 | 570 | 3.8% | 3.9% | 3.8% |
| Bottineau | 3,011 | 2,959 | 3,243 | 2,866 | 2,753 | 3,022 | 145 | 206 | 221 | 4.8% | 7.0% | 6.8% |
| Burke | 1,252 | 1,215 | 1,329 | 1,186 | 1,159 | 1,261 | 66 | 56 | 68 | 5.3% | 4.6% | 5.1% |
| McHenry | 2,397 | 2,341 | 2,629 | 2,091 | 2,002 | 2,240 | 306 | 339 | 389 | 12.8% | 14.5% | 14.8% |
| Mountrail | 3,076 | 3,040 | 3,129 | 2,889 | 2,825 | 2,922 | 187 | 215 | 207 | 6.1% | 7.1% | 6.6% |
| Pierce | 2,252 | 2,199 | 2,450 | 2,173 | 2,130 | 2,343 | 79 | 69 | 107 | 3.5% | 3.1% | 4.4% |
| Renville | 1,104 | 1,079 | 1,107 | 1,063 | 1,031 | 1,070 | 41 | 48 | 37 | 3.7% | 4.4% | 3.3% |
| Ward | 25,486 | 25,562 | 25,509 | 24,361 | 24,214 | 24,095 | 1,125 | 1,348 | 1,414 | 4.4% | 5.3% | 5.5% |
| REGION 2 | 38,578 | 38,395 | 39,396 | 36,629 | 36,114 | 36,953 | 1,949 | 2,281 | 2,443 | 5.1% | 5.9% | 6.2% |
| Benson | 2,599 | 2,551 | 2,765 | 2,406 | 2,314 | 2,435 | 193 | 237 | 330 | 7.4% | 9.3% | 11.9% |
| Cavalier | 2,381 | 2,348 | 2,513 | 2,229 | 2,202 | 2,306 | 152 | 146 | 207 | 6.4% | 6.2% | 8.2% |
| Eddy | 1,264 | 1,278 | 1,369 | 1,100 | 1,075 | 1,204 | 164 | 203 | 165 | 13.0% | 15.9% | 12.1% |
| Ramsey | 6,393 | 6,376 | 6,547 | 6,175 | 6,108 | 6,267 | 218 | 268 | 280 | 3.4% | 4.2% | 4.3% |
| Rolette | 4,269 | 4,285 | 4,279 | 3,744 | 3,713 | 3,649 | 525 | 572 | 630 | 12.3% | 13.3% | 14.7% |
| Towner | 1,587 | 1,571 | 1,621 | 1,539 | 1,513 | 1,554 | 48 | 58 | 67 | 3.0% | 3.7% | 4.1% |
| REGION 3 | 18,493 | 18,409 | 19,094 | 17,193 | 16,925 | 17,415 | 1,300 | 1,484 | 1,679 | 7.0% | 8.1% | 8.8% |
| Grand Forks | 35,811 | 35,315 | 35,588 | 34,586 | 34,140 | 34,288 | 1,225 | 1,175 | 1,300 | 3.4% | 3.3% | 3.7% |
| Nelson | 1,772 | 1,741 | 1,856 | 1,669 | 1,632 | 1,753 | 103 | 109 | 103 | 5.8% | 6.3% | 5.5% |
| Pembina | 4,805 | 4,657 | 4,981 | 4,404 | 4,305 | 4,542 | 401 | 352 | 439 | 8.3% | 7.6% | 8.8% |
| Walsh | 7,103 | 7,003 | 7,584 | 6,770 | 6,667 | 7,226 | 333 | 336 | 358 | 4.7% | 4.8% | 4.7% |
| REGION 4 | 49,491 | 48,716 | 50,009 | 47,429 | 46,744 | 47,809 | 2,062 | 1,972 | 2,200 | 4.2% | 4.0% | 4.4% |
| Cass | 62,470 | 62,297 | 61,408 | 60,815 | 60,469 | 59,806 | 1,655 | 1,828 | 1,602 | 2.6% | 2.9% | 2.6% |
| Ransom | 2,526 | 2,482 | 2,607 | 2,452 | 2,405 | 2,509 | 74 | 77 | 98 | 2.9% | 3.1% | 3.8% |
| Richland | 8,565 | 8,529 | 8,624 | 8,225 | 8,151 | 8,249 | 340 | 378 | 375 | 4.0% | 4.4% | 4.3% |
| Sargent | 2,699 | 2,639 | 2,685 | 2,624 | 2,563 | 2,631 | 75 | 76 | 54 | 2.8% | 2.9% | 2.0% |
| Steele | 970 | 924 | 1,014 | 927 | 896 | 967 | 43 | 28 | 47 | 4.4% | 3.0% | 4.6% |
| Traill | 3,948 | 3,933 | 4,148 | 3,786 | 3,794 | 3,898 | 162 | 139 | 250 | 4.1% | 3.5% | 6.0% |
| REGION 5 | 81,178 | 80,804 | 80,486 | 78,829 | 78,278 | 78,060 | 2,349 | 2,526 | 2,426 | 2.9% | 3.1% | 3.0% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MAR'91 | FEB'91 | MAR'90 | MAR'91 | FEB'91 | MAR'90 | MAR'91 | FEB'91 | MAR'90 | MAR'91 | FEB'91 | MAR'90 |
| Barnes | 5,837 | 5,500 | 5,739 | 5,580 | 5,250 | 5,482 | 257 | 250 | 257 | 4.4% | 4.5% | 4.5% |
| Dickey | 2,891 | 2,811 | 2,932 | 2,766 | 2,700 | 2,844 | 125 | 111 | 88 | 4.3% | 3.9% | 3.0% |
| Foster | 2,036 | 2,032 | 2,121 | 1,941 | 1,927 | 2,015 | 95 | 105 | 106 | 4.7% | 5.2% | 5.0% |
| Griggs | 1,368 | 1,327 | 1,485 | 1,312 | 1,270 | 1,405 | 56 | 57 | 80 | 4.1% | 4.3% | 5.4% |
| La Moure | 2,163 | 2,092 | 2,278 | 2,077 | 2,000 | 2,183 | 86 | 92 | 95 | 4.0% | 4.4% | 4.2% |
| Logan | 1,333 | 1,255 | 1,404 | 1,253 | 1,201 | 1,357 | 80 | 54 | 47 | 6.0% | 4.3% | 3.3% |
| McIntosh | 2,121 | 2,060 | 2,213 | 2,081 | 2,025 | 2,169 | 40 | 35 | 44 | 1.9% | 1.7% | 2.0% |
| Stutsman | 11,057 | 10,858 | 11,411 | 10,531 | 10,387 | 10,873 | 526 | 471 | 538 | 4.8% | 4.3% | 4.7% |
| Wells | 2,662 | 2,639 | 2,773 | 2,444 | 2,382 | 2,536 | 218 | 257 | 237 | 8.2% | 9.7% | 8.5% |
| REGION 6 | 31,468 | 30,574 | 32,356 | 29,985 | 29,142 | 30,864 | 1,483 | 1,432 | 1,492 | 4.7% | 4.7% | 4.6% |
| Burleigh | 34,364 | 34,013 | 33,989 | 33,083 | 32,659 | 32,501 | 1,281 | 1,354 | 1,488 | 3.7% | 4.0% | 4.4% |
| Emmons | 2,022 | 1,956 | 2,102 | 1,900 | 1,842 | 1,966 | 122 | 114 | 136 | 6.0% | 5.8% | 6.5% |
| Grant | 1,576 | 1,530 | 1,607 | 1,525 | 1,464 | 1,545 | 51 | 66 | 62 | 3.2% | 4.3% | 3.9% |
| Kidder | 1,441 | 1,384 | 1,514 | 1,304 | 1,245 | 1,336 | 137 | 139 | 178 | 9.5% | 10.0% | 11.8% |
| McLean | 4,205 | 4,123 | 4,274 | 3,911 | 3,840 | 3,952 | 294 | 283 | 322 | 7.0% | 6.9% | 7.5% |
| Mercer | 5,314 | 5,246 | 5,467 | 4,966 | 4,897 | 5,034 | 348 | 349 | 433 | 6.5% | 6.7% | 7.9% |
| Morton | 12,727 | 12,604 | 12,547 | 12,000 | 11,846 | 11,789 | 727 | 758 | 758 | 5.7% | 6.0% | 6.0% |
| Oliver | 1,075 | 1,031 | 1,087 | 1,013 | 981 | 1,019 | 62 | 50 | 68 | 5.8% | 4.8% | 6.3% |
| Sheridan | 1,049 | 1,014 | 1,106 | 965 | 926 | 1,015 | 84 | 88 | 91 | 8.0% | 8.7% | 8.2% |
| Sioux | 1,108 | 1,099 | 1,013 | 1,008 | 990 | 886 | 100 | 109 | 127 | 9.0% | 9.9% | 12.5% |
| REGION 7 | 64,881 | 64,000 | 64,706 | 61,675 | 60,690 | 61,043 | 3,206 | 3,310 | 3,663 | 4.9% | 5.2% | 5.7% |
| Adams | 1,673 | 1,640 | 1,570 | 1,638 | 1,604 | 1,538 | 35 | 36 | 32 | 2.1% | 2.2% | 2.0% |
| Billings | 652 | 650 | 662 | 619 | 614 | 622 | 33 | 36 | 40 | 5.1% | 5.5% | 6.0% |
| Bowman | 1,989 | 1,941 | 1,985 | 1,935 | 1,865 | 1,938 | 54 | 76 | 47 | 2.7% | 3.9% | 2.4% |
| Dunn | 1,513 | 1,478 | 1,590 | 1,433 | 1,378 | 1,455 | 80 | 100 | 135 | 5.3% | 6.8% | 8.5% |
| Gldn Valley | 965 | 941 | 993 | 921 | 893 | 965 | 44 | 48 | 28 | 4.6% | 5.1% | 2.8% |
| Hettinger | 1,598 | 1,562 | 1,730 | 1,490 | 1,456 | 1,616 | 108 | 106 | 114 | 6.8% | 6.8% | 6.6% |
| Slope | 426 | 390 | 429 | 377 | 356 | 401 | 49 | 34 | 28 | 11.5% | 8.7% | 6.5% |
| Stark | 11,287 | 11,327 | 11,022 | 10,744 | 10,670 | 10,448 | 543 | 657 | 574 | 4.8% | 5.8% | 5.2% |
| REGION 8 | 20,103 | 19,929 | 19,981 | 19,157 | 18,836 | 18,983 | 946 | 1,093 | 998 | 4.7% | 5.5% | 5.0% |
| **STATE TOTALS** | 318,536 | 314,933 | 320,949 | 304,704 | 300,285 | 305,477 | 13,832 | 14,648 | 15,472 | 4.3% | 4.7% | 4.8% |

## DEFINITIONS

**EMPLOYED:** A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE:** The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX:** A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
216 Second Street
Phone: 224-2880

**BEULAH**
119 East Main
Phone: 873-5607

**DEVILS LAKE**
301 South College Drive
Phone: 662- 2181

**DICKINSON**
66 Osborn Drive
Phone: 227-2361

**FARGO**
1350 32nd Street South
Phone: 237-7113

**NDSU-FARGO**
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

**FORT TOTTEN**
Tribal Building
Phone: 766-4221, Ext. 45

**FORT YATES**
Job Service Building
Phone: 854-7463

**GRAFTON**
927 12th St. West
Phone: 352-2202

**GRAND FORKS**
2016 South Washington
Phone: 777-3711

**UND-GRAND FORKS**
McCannel Hall- Room 141
Phone: 777-3904

**HARVEY**
119 9th St. West
Phone: 324-4552

**HETTINGER**
606 2nd Avenue North
Phone: 567-2156

**JAMESTOWN**
429 2nd Street Southwest
Phone: 251-2256

**MANDAN**
501 1st Street Northwest
Phone: 663-6461

**MINOT**
3416 North Broadway
Phone: 857-7650

**NEW TOWN**
Tribal Administration Building
Phone: 627-4390

**OAKES**
517 Main Ave.
PHONE: 742-2546

**ROLLA**
103 East Main
Phone: 477-5631

**VALLEY CITY**
2425 West Main
Phone: 845-7261

**WAHPETON**
524 2nd Avenue North
Phone: 671-2711

**WILLISTON**
422 1st Avenue West
Phone: 774-4370

Job Service North Dakota
Research and Statistics - LMA
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

Official Business
Penalty for Private Use $300

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

CONGRESSIONAL INFORMATION SERVICE
ATTENTION ROBERTA MASON
SRI ACQUISITIONS
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

If you do NOT wish to continue
receiving this publication,
please check here _____
and mail this page in an
envelope to the above address.

S6140-4

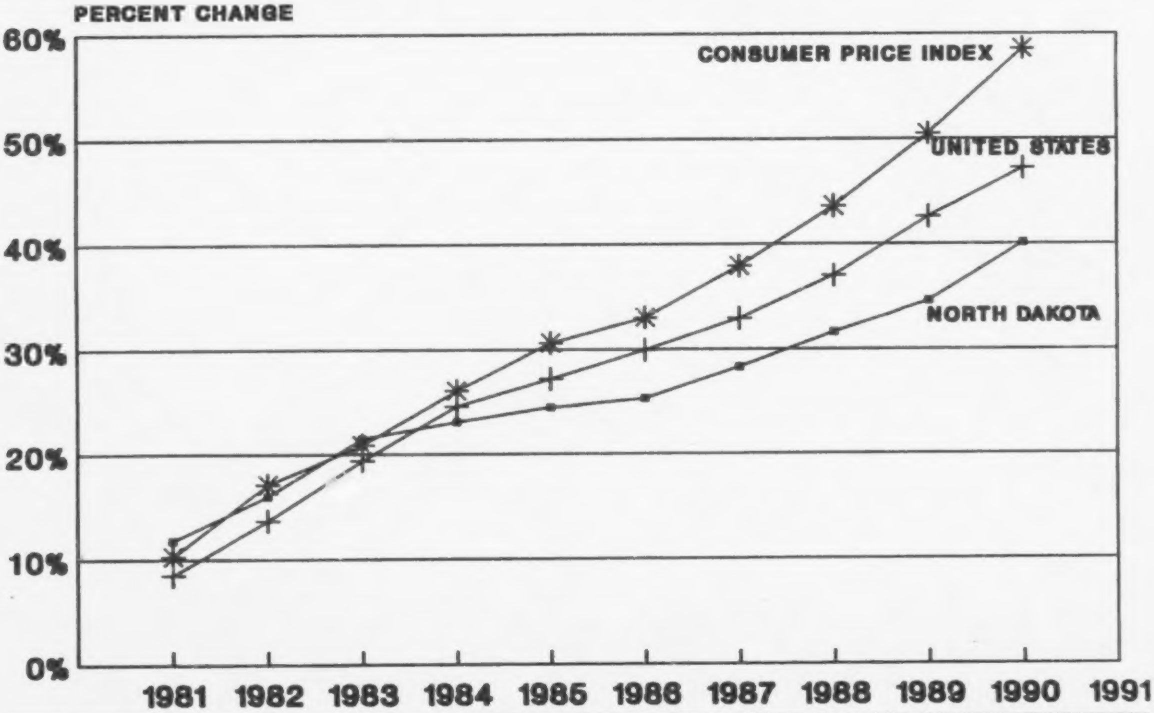
April, 1991

Volume 7, Number 4

JOB
SERVICE
North Dakota

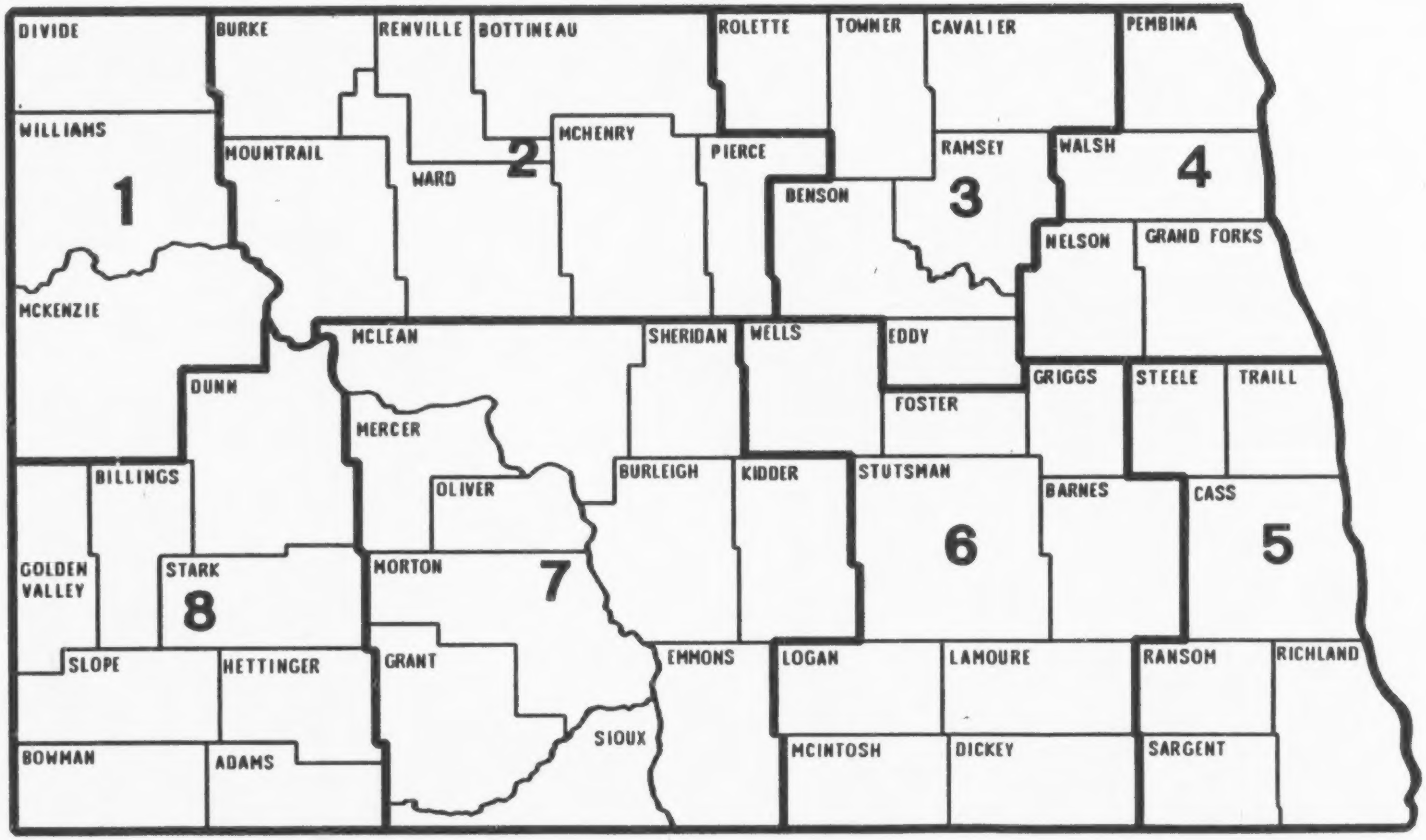
# The North Dakota Labor Market Advisor

## WAGES AND CONSUMER PRICE INDEX
## PERCENT CHANGES FROM 1980



# NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
WARD
2
MCHENRY
PIERCE
RAMSEY
WALSH
4
1
BENSON
3
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
GRIGGS
STEELE
TRAILL
DUNN
FOSTER
MERCER
BILLINGS
OLIVER
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
6
5
GOLDEN VALLEY
STARK
8
MORTON
7
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

# THE
# NORTH DAKOTA
# LABOR MARKET ADVISOR

April, 1991

**GEORGE A. SINNER, GOVERNOR**
**STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

**Micheal V. Deisz**
**Executive Director**

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Director
(701) 224-2868

## A REVIEW OF 1990 / WHAT'S AHEAD IN 1991

Observing the movement of employment covered by unemployment insurance for the past ten years has not been too exciting. It's like traveling on a road through gently rolling hills. Sometimes there is a slight rise only to give way to a downward slope before moving upward again. This was the story of covered employment in North Dakota until the late 1980's.

In 1980, employment averaged 225,755. During 1981, it recorded a healthy gain of 4,290. However, in the following years, increases were small, ranging from 700 to 1,700. In 1985, we entered a "valley" with employment dropping by nearly 600. The following year, the downtrend continued at an accelerated pace with a drop of nearly 2,400. These were the only two years where declines occurred in the past twenty years. In 1987, employment started to increase again and has been moving upward continuously for the past four years and averaged 245,700 in 1990.

In 1980, the total payroll of employers covered by unemployment insurance was slightly greater than $2.8 billion. By 1990, this figure had risen, exceeding $4.3 billion. During this period, total wages increased each year, even though there were two years where employment declined. In 1980 and 1981, at the height of the oil boom, wages rose by 10 percent and 14 percent respectively, while employment recorded gains of only 1 percent to 2 percent. Since 1980, the percentage gain in wages has exceeded the percentage increase in employment.

While historic data provides a general background, recent developments hold more interest for the majority of readers. As mentioned in the second paragraph, employment rose sharply, particularly between 1989 and 1990. Where did these increases occur and can we expect the trend to continue?

Employment has increased at a faster pace in the past two years than at any other time since 1981. A comparison of employment changes between 1989 and 1990 indicates only four of the nine nonagricultural industries recorded increases in both years. As usual, services was the leader, accounting for 57 percent of the total increase in the two years. Although all segments recorded gains, two accounted for two-thirds of the growth within the services industry: Medical services, as in the past, continued to grow, adding 1,695 workers; a close second was social services with the addition of 1,440. These two industries have demonstrated steady growth in recent years. As the population ages and demand continues to grow for both medical and social services, additional growth in these industries appears to be inevitable.

Manufacturing increased sharply between 1989 and 1990 after showing no growth the prior year. Although employment in lumber and wood products recorded a healthy gain of nearly 250, the majority of the increase involved metal products, primarily machinery and transportation equipment. These gains in the durable goods segment were offset slightly by some employment losses in the nondurable goods segment.

While employment edged up by 8.9 percent (20,000) during the past ten years, total wages rose by 56.5 percent ($1.6 billion). The more rapid increase in wages is an effort on the part of employers to provide additional income to keep pace with inflation which is measured by the Consumer Price Index (CPI).

A better comparison to determine whether or not wages have kept pace is the percentage increase of the average annual earnings of workers. In 1988, workers averaged $16,501. In 1989, the average rose to $16,924 and climbed to $17,625 in 1990. This represents percentage increases of 2.6 percent from 1988 to 1989 and 4.1 percent from 1989 to 1990.

The average annual Consumer Price Index, All Urban Consumers, All Items Index, increased by 4.8 percent between 1988 and 1989 and by 5.4 percent between 1989 and 1990.

It appears that employees are losing ground when it comes to inflation. While the Consumer Price Index (CPI) has increased at a faster rate than employees' earnings, both sets of data have limitations that must be taken into consideration.

The CPI measures the change in the cost of a market basket of goods and services purchased by the average consumer. The CPI is frequently referred to as "the cost of living index." While it does represent the change in the cost of a selected "basket" of goods and services, these costs may not represent your ratio of expenditures. For example, all categories in the CPI are "weighted" based on its relative importance. Out of a total of 100, housing is assigned a weight of 41.356. The cost of housing, based on the CPI, went up by 4.5 percent from April 1990 to April 1991. Your housing costs may not be "average." They may be higher if your income is low and you have a number of dependents. On the other hand, it may be lower if your home is paid for and you live in an area with lower taxes. Although housing costs represent over two-fifths of the average consumer's total expenditure, it will vary depending on your individual situation.

The average annual earnings of workers covered by unemployment insurance has some limitations, too. Workers are included whether they work full-time or part-time. It would have a tendency to lower average earnings if the ratio of part-time to total workers increases. This affects the average earnings of all workers.

A look back at 1990 shows some positive activity. Average employment increased by nearly 4,900--the largest increase in a decade. Average earnings also rose at a faster pace than the preceding year. Although average earnings did not equal the increase in the CPI in 1990, the gap between the percentages of the two was closer than it was in the prior year.

The year 1991 also has some positive indicators. Employment continues to exceed year-ago figures in all industries except government where there is a slight decrease. Unemployment is running below year-ago levels. Recent rains have brought the year-to-date totals above the normal precipitation level for the first time since 1987. The rains have improved soil moisture conditions and brightened the outlook for crop production. These are early indicators, but they generate a degree of optimism for North Dakota's economy in 1991.

**Dale R. Dehlin,**
**Research Analyst**

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | April 1991 | March 1991 | March 1991 | April 1990 | April 1990 |
| **TOTAL NONAG** | 268,350 | 265,700 | 1.0% | 264,100 | 1.6% |
| GOODS PRODUCING | 30,550 | 29,500 | 3.6% | 29,350 | 4.1% |
| MINING | 4,400 | 4,300 | 2.3% | 4,100 | 7.3% |
| Coal | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| Crude Petroleum & Nat. Gas | 3,000 | 3,000 | 0.0% | 2,800 | 7.1% |
| Other Mining | 350 | 250 | 40.0% | 250 | 40.0% |
| CONSTRUCTION | 8,550 | 7,500 | 14.0% | 8,650 | -1.2% |
| Building Construction | 2,100 | 2,000 | 5.0% | 2,200 | -4.5% |
| Street, Highway & Heavy | 1,950 | 1,300 | 50.0% | 1,850 | 5.4% |
| Special Trade Construction | 4,500 | 4,200 | 7.1% | 4,600 | -2.2% |
| MANUFACTURING | 17,600 | 17,700 | -0.6% | 16,600 | 6.0% |
| Durable Goods | 9,300 | 9,200 | 1.1% | 8,750 | 6.3% |
| Fabricated Metals | 1,000 | 1,000 | 0.0% | 1,100 | -9.1% |
| Machinery, Electric & Trans. Equip | 5,900 | 5,950 | -0.8% | 5,450 | 8.3% |
| Machinery & Electrical Equipment | 4,200 | 4,200 | 0.0% | 3,800 | 10.5% |
| Transportation Equipment | 1,700 | 1,750 | -2.9% | 1,650 | 3.0% |
| Other Durable Goods | 2,400 | 2,250 | 6.7% | 2,200 | 9.1% |
| Lumber & Wood | 1,200 | 1,200 | 0.0% | 1,100 | 9.1% |
| Misc Durable Goods | 1,200 | 1,050 | 14.3% | 1,100 | 9.1% |
| Nondurable Goods | 8,300 | 8,500 | -2.4% | 7,850 | 5.7% |
| Food & Kindred Products | 4,250 | 4,450 | -4.5% | 3,900 | 9.0% |
| Dairy Products | 600 | 600 | 0.0% | 650 | -7.7% |
| Grain Mill & Bakery Products | 1,000 | 1,050 | -4.8% | 850 | 17.6% |
| Sugar & Confectionary | 700 | 900 | -22.2% | 550 | 27.3% |
| Other Foods | 1,950 | 1,900 | 2.6% | 1,850 | 5.4% |
| Paper Products & Printing & Publishing | 2,600 | 2,600 | 0.0% | 2,500 | 4.0% |
| Other Nondurable Goods | 1,450 | 1,450 | 0.0% | 1,450 | 0.0% |
| SERVICES PRODUCING | 237,800 | 236,200 | 0.7% | 234,750 | 1.3% |
| TRAN, COMM & UTILITIES | 16,950 | 17,000 | -0.3% | 17,000 | -0.3% |
| Transportation | 8,850 | 8,800 | 0.6% | 8,900 | -0.6% |
| Trucking & Warehousing | 4,900 | 4,900 | 0.0% | 5,000 | -2.0% |
| Other Transportation | 3,950 | 3,900 | 1.3% | 3,900 | 1.3% |
| Railroads | 1,850 | 1,800 | 2.8% | 1,850 | 0.0% |
| Local & Suburban Transportation | 850 | 900 | -5.6% | 900 | -5.6% |
| Water, Air & Pipeline | 1,250 | 1,200 | 4.2% | 1,150 | 8.7% |
| Communications | 3,500 | 3,500 | 0.0% | 3,400 | 2.9% |
| Utilities | 4,600 | 4,700 | -2.1% | 4,700 | -2.1% |
| WHOLESALE TRADE | 19,100 | 19,000 | 0.5% | 19,300 | -1.0% |
| Durable Goods | 8,900 | 8,800 | 1.1% | 8,900 | 0.0% |
| Nondurable Goods | 10,200 | 10,200 | 0.0% | 10,400 | -1.9% |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | April 1991 | March 1991 | March 1991 | April 1990 | April 1990 |
| RETAIL TRADE | 52,150 | 51,150 | 2.0% | 50,000 | 4.3% |
| Hardware & Garden | 2,300 | 2,300 | 0.0% | 2,300 | 0.0% |
| General Merchandise | 7,500 | 7,500 | 0.0% | 6,200 | 21.0% |
| Food Stores | 7,100 | 7,000 | 1.4% | 7,100 | 0.0% |
| Auto Dealers & Service Stations | 6,900 | 6,800 | 1.5% | 6,900 | 0.0% |
| Apparel & Accessory | 2,400 | 2,400 | 0.0% | 2,600 | -7.7% |
| Furniture Stores | 1,650 | 1,650 | 0.0% | 1,600 | 3.1% |
| Eating & Drinking Places | 18,500 | 17,800 | 3.9% | 17,900 | 3.4% |
| Misc Retail | 5,800 | 5,700 | 1.8% | 5,400 | 7.4% |
| FINANCE, INS & REAL ESTATE | 12,500 | 12,450 | 0.4% | 12,350 | 1.2% |
| **Finance** | 6,500 | 6,500 | 0.0% | 6,550 | -0.8% |
| Banking | 5,500 | 5,500 | 0.0% | 5,600 | -1.8% |
| Other Finance | 1,000 | 1,000 | 0.0% | 950 | 5.3% |
| **Insurance** | 4,100 | 4,100 | 0.0% | 3,900 | 5.1% |
| Insurance Underwriters | 2,600 | 2,600 | 0.0% | 2,500 | 4.0% |
| Insurance Agents & Brokers | 1,500 | 1,500 | 0.0% | 1,400 | 7.1% |
| **Real Estate** | 1,900 | 1,850 | 2.7% | 1,900 | 0.0% |
| SERVICES | 70,400 | 70,100 | 0.4% | 68,400 | 2.9% |
| **Lodging** | 4,500 | 4,500 | 0.0% | 4,400 | 2.3% |
| **Personal & Business** | 8,200 | 8,300 | -1.2% | 8,100 | 1.2% |
| Personal Services | 3,300 | 3,200 | 3.1% | 3,300 | 0.0% |
| Business Services | 4,900 | 5,100 | -3.9% | 4,800 | 2.1% |
| **Recreational Services** | 2,500 | 2,400 | 4.2% | 2,400 | 4.2% |
| **Health Services** | 29,300 | 29,100 | 0.7% | 28,300 | 3.5% |
| Nursing & Hospital | 21,400 | 21,300 | 0.5% | 20,600 | 3.9% |
| Other Health | 7,900 | 7,800 | 1.3% | 7,700 | 2.6% |
| **Educational Services** | 3,100 | 3,200 | -3.1% | 3,100 | 0.0% |
| **Social Services** | 7,000 | 6,900 | 1.4% | 6,400 | 9.4% |
| **Membership Organizations** | 8,400 | 8,400 | 0.0% | 8,200 | 2.4% |
| **Other Services** | 7,400 | 7,300 | 1.4% | 7,500 | -1.3% |
| Auto & Misc Repair | 2,300 | 2,400 | -4.2% | 2,300 | 0.0% |
| Legal Services | 1,500 | 1,500 | 0.0% | 1,500 | 0.0% |
| Misc Services | 3,600 | 3,400 | 5.9% | 3,700 | -2.7% |
| GOVERNMENT | 66,700 | 66,500 | 0.3% | 67,700 | -1.5% |
| **Federal** | 10,200 | 10,100 | 1.0% | 11,300 | -9.7% |
| **State & Local** | 56,500 | 56,400 | 0.2% | 56,400 | 0.2% |
| **State Government** | 20,500 | 20,500 | 0.0% | 20,400 | 0.5% |
| Educational Services | 13,300 | 13,400 | -0.7% | 13,400 | -0.7% |
| Other State Government | 7,200 | 7,100 | 1.4% | 7,000 | 2.9% |
| **Local Government** | 36,000 | 35,900 | 0.3% | 36,000 | 0.0% |
| Educational Services | 18,300 | 18,400 | -0.5% | 18,300 | 0.0% |
| Other Local Government | 17,700 | 17,500 | 1.1% | 17,700 | 0.0% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | April 1991 | March 1991 | March 1991 | April 1990 | April 1990 |
| **BISMARCK MSA** | | | | | |
| **TOTAL NONAG** | 40,900 | 40,350 | 1.4% | 39,800 | 2.8% |
| GOODS PRODUCING | 4,150 | 3,800 | 9.2% | 4,050 | 2.5% |
| MINING & CONSTRUCTION | 1,850 | 1,550 | 19.4% | 1,900 | -2.6% |
| MANUFACTURING | 2,300 | 2,250 | 2.2% | 2,150 | 7.0% |
| Durable Goods | 950 | 900 | 5.6% | 950 | 0.0% |
| Nondurable Goods | 1,350 | 1,350 | 0.0% | 1,200 | 12.5% |
| SERVICES PRODUCING | 36,750 | 36,550 | 0.5% | 35,750 | 2.8% |
| TRANS, COMM. & UTILITIES | 2,900 | 2,850 | 1.8% | 2,850 | 1.8% |
| Transportation | 1,250 | 1,200 | 4.2% | 1,200 | 4.2% |
| Communications & Utilities | 1,650 | 1,650 | 0.0% | 1,650 | 0.0% |
| WHOLESALE TRADE | 2,100 | 2,100 | 0.0% | 2,200 | -4.5% |
| RETAIL TRADE | 8,150 | 8,200 | -0.6% | 7,950 | 2.5% |
| General Merchandise & Apparel | 1,700 | 1,750 | -2.9% | 1,550 | 9.7% |
| Food Stores | 1,000 | 1,050 | -4.8% | 1,050 | -4.8% |
| Auto Dealers & Service Stations | 1,000 | 1,000 | 0.0% | 1,100 | -9.1% |
| Eating & Drinking Places | 2,700 | 2,700 | 0.0% | 2,600 | 3.8% |
| Other Retail | 1,750 | 1,700 | 2.9% | 1,650 | 6.1% |
| FINANCE, INS. & REAL ESTATE | 1,500 | 1,500 | 0.0% | 1,450 | 3.4% |
| SERVICES | 12,900 | 12,800 | 0.8% | 12,350 | 4.5% |
| Lodging | 1,000 | 1,000 | 0.0% | 900 | 11.1% |
| Personal & Business | 1,450 | 1,450 | 0.0% | 1,450 | 0.0% |
| Health Services | 5,400 | 5,400 | 0.0% | 5,000 | 8.0% |
| Educational Services | 850 | 850 | 0.0% | 850 | 0.0% |
| Social Services | 1,200 | 1,200 | 0.0% | 1,150 | 4.3% |
| Membership Organizations | 1,250 | 1,250 | 0.0% | 1,300 | -3.8% |
| Other Services | 1,750 | 1,650 | 6.1% | 1,700 | 2.9% |
| GOVERNMENT | 9,200 | 9,100 | 1.1% | 8,950 | 2.8% |
| Federal | 1,100 | 1,100 | 0.0% | 1,250 | -12.0% |
| State | 4,350 | 4,200 | 3.6% | 4,050 | 7.4% |
| State Education | 350 | 300 | 16.7% | 350 | 0.0% |
| Other State | 4,000 | 3,900 | 2.6% | 3,700 | 8.1% |
| Local | 3,750 | 3,800 | -1.3% | 3,650 | 2.7% |
| Local Education | 2,100 | 2,100 | 0.0% | 2,100 | 0.0% |
| Other Local | 1,650 | 1,700 | -2.9% | 1,550 | 6.5% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | April 1991 | March 1991 | March 1991 | April 1990 | April 1990 |
| **FARGO-MOORHEAD MSA** | | | | | |
| **TOTAL NONAG** | 79,250 | 78,150 | 1.4% | 76,900 | 3.1% |
| GOODS PRODUCING | 8,650 | 8,300 | 4.2% | 8,600 | 0.6% |
| MINING & CONSTRUCTION | 3,200 | 2,750 | 16.4% | 3,200 | 0.0% |
| Special Trade | 1,800 | 1,650 | 9.1% | 1,850 | -2.7% |
| Other Mining & Construction | 1,400 | 1,100 | 27.3% | 1,350 | 3.7% |
| MANUFACTURING | 5,450 | 5,550 | -1.8% | 5,400 | 0.9% |
| **Durable Goods** | 2,800 | 2,700 | 3.7% | 2,750 | 1.8% |
| Fabricated Metals & Machinery | 1,500 | 1,500 | 0.0% | 1,450 | 3.4% |
| Other Durable Goods | 1,300 | 1,200 | 8.3% | 1,300 | 0.0% |
| **Nondurable Goods** | 2,650 | 2,850 | -7.0% | 2,650 | 0.0% |
| Food & Kindred | 1,650 | 1,850 | -10.8% | 1,650 | 0.0% |
| Other Nondurable Goods | 1,000 | 1,000 | 0.0% | 1,000 | 0.0% |
| SERVICES PRODUCING | 70,600 | 69,850 | 1.1% | 68,300 | 3.4% |
| TRANS, COMM & UTILITIES | 4,750 | 4,800 | -1.0% | 4,650 | 2.2% |
| Trucking & Warehousing | 2,300 | 2,300 | 0.0% | 2,100 | 9.5% |
| Other Transportation | 900 | 950 | -5.3% | 1,000 | -10.0% |
| Communications & Utilities | 1,550 | 1,550 | 0.0% | 1,550 | 0.0% |
| WHOLESALE TRADE | 6,800 | 6,700 | 1.5% | 6,800 | 0.0% |
| Durable Goods | 3,800 | 3,700 | 2.7% | 3,800 | 0.0% |
| Nondurable Goods | 3,000 | 3,000 | 0.0% | 3,000 | 0.0% |
| RETAIL TRADE | 16,100 | 15,800 | 1.9% | 15,200 | 5.9% |
| General Merchandise & Apparel | 3,100 | 3,100 | 0.0% | 2,900 | 6.9% |
| Food Stores | 2,100 | 2,000 | 5.0% | 2,000 | 5.0% |
| Auto Dealers & Service Stations | 2,000 | 2,000 | 0.0% | 1,900 | 5.3% |
| Eating & Drinking Places | 6,100 | 6,000 | 1.7% | 5,700 | 7.0% |
| Other Retail | 2,800 | 2,700 | 3.7% | 2,700 | 3.7% |
| FINANCE, INS & REAL ESTATE | 4,650 | 4,650 | 0.0% | 4,600 | 1.1% |
| Finance | 2,000 | 2,000 | 0.0% | 2,000 | 0.0% |
| Insurance Carriers | 1,550 | 1,600 | -3.1% | 1,500 | 3.3% |
| Other Insurance & Real Estate | 1,100 | 1,050 | 4.8% | 1,100 | 0.0% |
| SERVICES | 22,850 | 22,450 | 1.8% | 21,800 | 4.8% |
| Lodging | 1,400 | 1,400 | 0.0% | 1,350 | 3.7% |
| Personal & Business | 3,800 | 3,800 | 0.0% | 3,600 | 5.6% |
| Recreation & Amusement | 900 | 850 | 5.9% | 850 | 5.9% |
| Health Services | 8,300 | 8,200 | 1.2% | 7,900 | 5.1% |
| Educational Services | 2,300 | 2,200 | 4.5% | 2,200 | 4.5% |
| Social Services | 1,850 | 1,700 | 8.8% | 1,650 | 12.1% |
| Membership Organizations | 1,600 | 1,600 | 0.0% | 1,550 | 3.2% |
| Other Services | 2,700 | 2,700 | 0.0% | 2,700 | 0.0% |
| GOVERNMENT | 15,450 | 15,450 | 0.0% | 15,250 | 1.3% |
| **Federal** | 2,300 | 2,300 | 0.0% | 2,400 | -4.2% |
| **State** | 6,350 | 6,350 | 0.0% | 6,250 | 1.6% |
| State Education | 5,800 | 5,800 | 0.0% | 5,700 | 1.8% |
| Other State | 550 | 550 | 0.0% | 550 | 0.0% |
| **Local** | 6,800 | 6,800 | 0.0% | 6,600 | 3.0% |
| Local Education | 4,300 | 4,300 | 0.0% | 4,100 | 4.9% |
| Other Local | 2,500 | 2,500 | 0.0% | 2,500 | 0.0% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | April 1991 | March 1991 | March 1991 | April 1990 | April 1990 |
| **GRAND FORKS MSA** | | | | | |
| TOTAL NONAG | 32,250 | 31,950 | 0.9% | 31,500 | 2.4% |
| GOODS PRODUCING | 2,650 | 2,600 | 1.9% | 2,550 | 3.9% |
| MINING & CONSTRUCTION | 900 | 850 | 5.9% | 950 | -5.3% |
| MANUFACTURING | 1,750 | 1,750 | 0.0% | 1,600 | 9.4% |
| Durable Goods | 700 | 700 | 0.0% | 600 | 16.7% |
| Nondurable Goods | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| SERVICES PRODUCING | 29,600 | 29,350 | 0.9% | 28,950 | 2.2% |
| TRANS, COMM. & UTILITIES | 1,700 | 1,700 | 0.0% | 1,700 | 0.0% |
| Transportation | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| Communications & Utilities | 650 | 650 | 0.0% | 700 | -7.1% |
| WHOLESALE TRADE | 1,550 | 1,550 | 0.0% | 1,550 | 0.0% |
| RETAIL TRADE | 7,700 | 7,600 | 1.3% | 7,450 | 3.4% |
| General Merchandise & Apparel | 2,000 | 2,000 | 0.0% | 1,850 | 8.1% |
| Eating & Drinking Places | 2,900 | 2,800 | 3.6% | 2,800 | 3.6% |
| Other Retail | 2,800 | 2,800 | 0.0% | 2,800 | 0.0% |
| FINANCE, INS. & REAL ESTATE | 1,050 | 1,050 | 0.0% | 1,100 | -4.5% |
| SERVICES | 7,550 | 7,300 | 3.4% | 7,150 | 5.6% |
| Personal & Business | 1,050 | 1,000 | 5.0% | 950 | 10.5% |
| Health Services | 3,000 | 2,900 | 3.4% | 2,800 | 7.1% |
| Other Services | 3,500 | 3,400 | 2.9% | 3,400 | 2.9% |
| GOVERNMENT | 10,050 | 10,150 | -1.0% | 10,000 | 0.5% |
| Federal | 1,550 | 1,550 | 0.0% | 1,600 | -3.1% |
| State | 5,850 | 5,950 | -1.7% | 5,850 | 0.0% |
| State Education | 5,400 | 5,500 | -1.8% | 5,400 | 0.0% |
| Other State | 450 | 450 | 0.0% | 450 | 0.0% |
| Local | 2,650 | 2,650 | 0.0% | 2,550 | 3.9% |
| Local Education | 1,500 | 1,500 | 0.0% | 1,400 | 7.1% |
| Other Local | 1,150 | 1,150 | 0.0% | 1,150 | 0.0% |

## UNITED STATES

## MANUFACTURING HOURS AND EARNINGS

| *INDUSTRY* | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | APR 1991 | MAR 1991 | APR 1990 | APR 1991 | MAR 1991 | APR 1990 | APR 1991 | MAR 1991 | APR 1990 |
| MANUFACTURING | 445.91 | 443.91 | 427.85 | 40.1 | 40.1 | 39.8 | 11.12 | 11.07 | 10.75 |
| Durable Goods | 471.83 | 469.80 | 452.17 | 40.5 | 40.5 | 40.3 | 11.65 | 11.60 | 11.22 |
| Nondurable Goods | 410.80 | 410.65 | 395.92 | 39.5 | 39.6 | 39.2 | 10.40 | 10.37 | 10.10 |

## NORTH DAKOTA

## MANUFACTURING HOURS AND EARNINGS

| *INDUSTRY* | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | APR 1991 | MAR 1991 | APR 1990 | APR 1991 | MAR 1991 | APR 1990 | APR 1991 | MAR 1991 | APR 1990 |
| MANUFACTURING | 358.09 | 349.83 | 352.34 | 39.7 | 39.0 | 39.5 | 9.02 | 8.97 | 8.92 |
| Durable Goods | 377.29 | 365.90 | 380.64 | 40.7 | 39.6 | 41.6 | 9.27 | 9.24 | 9.15 |
| Nondurable Goods | 334.95 | 330.43 | 316.48 | 38.5 | 38.2 | 36.8 | 8.70 | 8.65 | 8.60 |
| Food & Kindred | 343.10 | 339.42 | 322.87 | 40.7 | 40.6 | 38.3 | 8.43 | 8.36 | 8.43 |

## FARGO-MOORHEAD MSA

## MANUFACTURING HOURS AND EARNINGS

| *INDUSTRY* | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | APR 1991 | MAR 1991 | APR 1990 | APR 1991 | MAR 1991 | APR 1990 | APR 1991 | MAR 1991 | APR 1990 |
| MANUFACTURING | 334.43 | 331.01 | 329.35 | 37.2 | 37.7 | 37.9 | 8.99 | 8.78 | 8.69 |
| Durable Goods | 332.06 | 322.24 | 321.83 | 38.3 | 38.0 | 39.2 | 8.67 | 8.48 | 8.21 |
| Nondurable Goods | 336.60 | 339.22 | 339.09 | 36.0 | 37.4 | 36.5 | 9.35 | 9.07 | 9.29 |

# LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | APR 1991 | MAR 1991 | MAR 1991 | APR 1990 | APR 1990 |
| **UNITED STATES** | | | | | |
| **(In Thousands)** | | | | | |
| Labor Force | 127,128 | 126,786 | 0.3% | 126,543 | 0.5% |
| Employment | 118,854 | 118,214 | 0.5% | 119,773 | -0.8% |
| Unemployment | 8,274 | 8,572 | -3.5% | 6,770 | 22.2% |
| Unemployment Rate | 6.5% | 6.8% | xxx | 5.3% | xxx |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 323,250 | 319,010 | 1.3% | 324,360 | -0.3% |
| Employment | 311,280 | 305,160 | 2.0% | 311,350 | 0.0% |
| Unemployment | 11,970 | 13,850 | -13.6% | 13,010 | -8.0% |
| Unemployment Rate | 3.7% | 4.3% | xxx | 4.0% | xxx |
| **BISMARCK MSA** | | | | | |
| Labor Force | 47,550 | 47,130 | 0.9% | 46,990 | 1.2% |
| Employment | 45,900 | 45,120 | 1.7% | 45,270 | 1.4% |
| Unemployment | 1,650 | 2,010 | -17.9% | 1,720 | -4.1% |
| Unemployment Rate | 3.5% | 4.3% | xxx | 3.7% | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 90,210 | 89,290 | 1.0% | 88,180 | 2.3% |
| Employment | 87,180 | 86,140 | 1.2% | 85,680 | 1.8% |
| Unemployment | 3,030 | 3,150 | -3.8% | 2,500 | 21.2% |
| Unemployment Rate | 3.4% | 3.5% | xxx | 2.8% | xxx |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 35,980 | 35,840 | 0.4% | 35,920 | 0.2% |
| Employment | 34,950 | 34,610 | 1.0% | 34,610 | 1.0% |
| Unemployment | 1,030 | 1,230 | -16.3% | 1,310 | -21.4% |
| Unemployment Rate | 2.8% | 3.4% | xxx | 3.6% | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Bismarck Metropolitan Statistical Area (MSA) includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.
The Grand Forks MSA includes Grand Forks County.

## BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
MAR 1991

| | NORTH DAKOTA | MINNESOTA | SOUTH DAKOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 319.0 | 2,436.2 | 355.7 | 405.9 |
| Employment | 305.2 | 2,298.5 | 340.2 | 370.2 |
| Unemployment | 13.8 | 137.7 | 15.5 | 35.7 |
| Unemployment Rate | 4.3% | 5.7% | 4.4% | 8.8% |

# U. S. CONSUMER PRICE INDEX

# ALL URBAN CONSUMERS

(1982-84 = 100)

| ITEM | ANNUAL AVERAGE 1990 | APR 1991 | MAR 1991 | Percent Change From MAR 1991 | APR 1990 | Percent Change From APR 1990 |
|---|---|---|---|---|---|---|
| All Items | 130.7 | 135.2 | 135.0 | 0.1% | 128.9 | 4.9% |
| Food & Beverage | 132.1 | 137.2 | 136.3 | 0.7% | 131.0 | 4.7% |
| Housing | 128.5 | 132.5 | 132.6 | -0.1% | 126.8 | 4.5% |
| Apparel & Upkeep | 124.1 | 130.1 | 128.8 | 1.0% | 126.7 | 2.7% |
| Transportation | 120.5 | 122.2 | 122.3 | -0.1% | 117.3 | 4.2% |
| Medical Care | 162.8 | 174.4 | 173.7 | 0.4% | 159.8 | 9.1% |
| Entertainment | 132.4 | 137.7 | 136.7 | 0.7% | 131.4 | 4.8% |
| All Other | 159.0 | 168.8 | 167.9 | 0.5% | 155.8 | 8.3% |

# PRODUCER PRICE INDEX

# UNITED STATES AVERAGE

| ITEM | ANNUAL AVERAGE 1990 | APR 1991 | MAR 1991 | Percent Change From MAR 1991 | APR 1990 | Percent Change From APR 1990 |
|---|---|---|---|---|---|---|
| All Commodities | 116.3 | 116.0 | 116.1 | -0.1% | 114.1 | 1.7% |
| Farm Products & Processed Foods and Feeds | 118.6 | 118.2 | 118.3 | -0.1% | 113.2 | 4.4% |
| Industrial Commodities | 115.8 | 115.5 | 115.6 | -0.1% | 118.5 | -2.5% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | APR'91 | MAR'91 | APR'90 | APR'91 | MAR'91 | APR'90 | APR'91 | MAR'91 | APR'90 | APR'91 | MAR'91 | APR'90 |
| Divide | 1,309 | 1,281 | 1,364 | 1,273 | 1,232 | 1,345 | 36 | 49 | 19 | 2.8% | 3.8% | 1.4% |
| McKenzie | 2,503 | 2,490 | 2,762 | 2,431 | 2,392 | 2,698 | 72 | 98 | 64 | 2.9% | 3.9% | 2.3% |
| Williams | 10,821 | 10,615 | 10,910 | 10,406 | 10,221 | 10,479 | 415 | 394 | 431 | 3.8% | 3.7% | 4.0% |
| REGION 1 | 14,633 | 14,386 | 15,036 | 14,110 | 13,845 | 14,522 | 523 | 541 | 514 | 3.6% | 3.8% | 3.4% |
| Bottineau | 3,034 | 3,018 | 3,231 | 2,920 | 2,874 | 3,046 | 114 | 144 | 185 | 3.8% | 4.8% | 5.7% |
| Burke | 1,305 | 1,255 | 1,329 | 1,245 | 1,189 | 1,277 | 60 | 66 | 52 | 4.6% | 5.3% | 3.9% |
| McHenry | 2,420 | 2,400 | 2,555 | 2,186 | 2,096 | 2,244 | 234 | 304 | 311 | 9.7% | 12.7% | 12.2% |
| Mountrail | 3,133 | 3,083 | 3,182 | 2,976 | 2,896 | 2,973 | 157 | 187 | 209 | 5.0% | 6.1% | 6.6% |
| Pierce | 2,340 | 2,257 | 2,434 | 2,257 | 2,178 | 2,354 | 83 | 79 | 80 | 3.5% | 3.5% | 3.3% |
| Renville | 1,140 | 1,107 | 1,171 | 1,110 | 1,065 | 1,129 | 30 | 42 | 42 | 2.6% | 3.8% | 3.6% |
| Ward | 25,738 | 25,558 | 25,763 | 24,709 | 24,427 | 24,580 | 1,029 | 1,131 | 1,183 | 4.0% | 4.4% | 4.6% |
| REGION 2 | 39,110 | 38,678 | 39,665 | 37,403 | 36,725 | 37,603 | 1,707 | 1,953 | 2,062 | 4.4% | 5.0% | 5.2% |
| Benson | 2,778 | 2,605 | 3,055 | 2,614 | 2,412 | 2,751 | 164 | 193 | 304 | 5.9% | 7.4% | 10.0% |
| Cavalier | 2,441 | 2,385 | 2,541 | 2,318 | 2,233 | 2,388 | 123 | 152 | 153 | 5.0% | 6.4% | 6.0% |
| Eddy | 1,300 | 1,266 | 1,359 | 1,176 | 1,102 | 1,249 | 124 | 164 | 110 | 9.5% | 13.0% | 8.1% |
| Ramsey | 6,479 | 6,410 | 6,617 | 6,312 | 6,192 | 6,346 | 167 | 218 | 271 | 2.6% | 3.4% | 4.1% |
| Rolette | 4,192 | 4,277 | 4,565 | 3,767 | 3,752 | 3,986 | 425 | 525 | 579 | 10.1% | 12.3% | 12.7% |
| Towner | 1,669 | 1,591 | 1,715 | 1,645 | 1,543 | 1,669 | 24 | 48 | 46 | 1.4% | 3.0% | 2.7% |
| REGION 3 | 18,859 | 18,534 | 19,852 | 17,832 | 17,234 | 18,389 | 1,027 | 1,300 | 1,463 | 5.4% | 7.0% | 7.4% |
| Grand Forks | 35,974 | 35,838 | 35,916 | 34,949 | 34,611 | 34,611 | 1,025 | 1,227 | 1,305 | 2.8% | 3.4% | 3.6% |
| Nelson | 1,779 | 1,775 | 1,840 | 1,713 | 1,674 | 1,764 | 66 | 101 | 76 | 3.7% | 5.7% | 4.1% |
| Pembina | 4,752 | 4,815 | 5,022 | 4,453 | 4,414 | 4,603 | 299 | 401 | 419 | 6.3% | 8.3% | 8.3% |
| Walsh | 7,491 | 7,122 | 7,573 | 7,197 | 6,789 | 7,242 | 294 | 333 | 331 | 3.9% | 4.7% | 4.4% |
| REGION 4 | 49,996 | 49,550 | 50,351 | 48,312 | 47,488 | 48,220 | 1,684 | 2,062 | 2,131 | 3.4% | 4.2% | 4.2% |
| Cass | 63,348 | 62,440 | 62,140 | 61,674 | 60,783 | 60,724 | 1,674 | 1,657 | 1,416 | 2.6% | 2.7% | 2.3% |
| Ransom | 2,640 | 2,532 | 2,683 | 2,570 | 2,458 | 2,604 | 70 | 74 | 79 | 2.7% | 2.9% | 2.9% |
| Richland | 8,527 | 8,587 | 8,341 | 8,117 | 8,245 | 8,073 | 410 | 342 | 268 | 4.8% | 4.0% | 3.2% |
| Sargent | 2,800 | 2,706 | 2,703 | 2,717 | 2,631 | 2,659 | 83 | 75 | 44 | 3.0% | 2.8% | 1.6% |
| Steele | 1,050 | 973 | 1,072 | 1,001 | 930 | 1,032 | 49 | 43 | 40 | 4.7% | 4.4% | 3.7% |
| Traill | 3,995 | 3,959 | 4,161 | 3,812 | 3,795 | 3,973 | 183 | 164 | 188 | 4.6% | 4.1% | 4.5% |
| REGION 5 | 82,360 | 81,197 | 81,100 | 79,891 | 78,842 | 79,065 | 2,469 | 2,355 | 2,035 | 3.0% | 2.9% | 2.5% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | APR'91 | MAR'91 | APR'90 | APR'91 | MAR'91 | APR'90 | APR'91 | MAR'91 | APR'90 | APR'91 | MAR'91 | APR'90 |
| Barnes | 5,635 | 5,851 | 5,643 | 5,459 | 5,595 | 5,448 | 176 | 256 | 195 | 3.1% | 4.4% | 3.5% |
| Dickey | 2,941 | 2,899 | 2,979 | 2,878 | 2,773 | 2,908 | 63 | 126 | 71 | 2.1% | 4.3% | 2.4% |
| Foster | 2,101 | 2,042 | 2,148 | 2,018 | 1,947 | 2,050 | 83 | 95 | 98 | 4.0% | 4.7% | 4.6% |
| Griggs | 1,431 | 1,371 | 1,522 | 1,377 | 1,315 | 1,459 | 54 | 56 | 63 | 3.8% | 4.1% | 4.1% |
| La Moure | 2,254 | 2,168 | 2,297 | 2,179 | 2,083 | 2,206 | 75 | 85 | 91 | 3.3% | 3.9% | 4.0% |
| Logan | 1,380 | 1,336 | 1,401 | 1,330 | 1,256 | 1,363 | 50 | 80 | 38 | 3.6% | 6.0% | 2.7% |
| McIntosh | 2,112 | 2,126 | 2,191 | 2,089 | 2,086 | 2,148 | 23 | 40 | 43 | 1.1% | 1.9% | 2.0% |
| Stutsman | 11,247 | 11,083 | 11,578 | 10,759 | 10,559 | 11,134 | 488 | 524 | 444 | 4.3% | 4.7% | 3.8% |
| Wells | 2,663 | 2,665 | 2,771 | 2,515 | 2,449 | 2,554 | 148 | 216 | 217 | 5.6% | 8.1% | 7.8% |
| REGION 6 | 31,764 | 31,541 | 32,530 | 30,604 | 30,063 | 31,270 | 1,160 | 1,478 | 1,260 | 3.7% | 4.7% | 3.9% |
| Burleigh | 34,798 | 34,392 | 34,359 | 33,679 | 33,110 | 33,217 | 1,119 | 1,282 | 1,142 | 3.2% | 3.7% | 3.3% |
| Emmons | 2,088 | 2,026 | 2,118 | 2,002 | 1,904 | 2,021 | 86 | 122 | 97 | 4.1% | 6.0% | 4.6% |
| Grant | 1,654 | 1,579 | 1,724 | 1,617 | 1,528 | 1,674 | 37 | 51 | 50 | 2.2% | 3.2% | 2.9% |
| Kidder | 1,503 | 1,443 | 1,536 | 1,380 | 1,306 | 1,387 | 123 | 137 | 149 | 8.2% | 9.5% | 9.7% |
| McLean | 4,340 | 4,215 | 4,321 | 4,148 | 3,921 | 4,085 | 192 | 294 | 236 | 4.4% | 7.0% | 5.5% |
| Mercer | 5,490 | 5,329 | 5,462 | 5,192 | 4,979 | 5,153 | 298 | 350 | 309 | 5.4% | 6.6% | 5.7% |
| Morton | 12,751 | 12,738 | 12,627 | 12,216 | 12,010 | 12,049 | 535 | 728 | 578 | 4.2% | 5.7% | 4.6% |
| Oliver | 1,077 | 1,077 | 1,032 | 1,009 | 1,015 | 989 | 68 | 62 | 43 | 6.3% | 5.8% | 4.2% |
| Sheridan | 1,087 | 1,051 | 1,107 | 1,025 | 967 | 1,044 | 62 | 84 | 63 | 5.7% | 8.0% | 5.7% |
| Sioux | 1,098 | 1,110 | 1,160 | 1,010 | 1,010 | 1,033 | 88 | 100 | 127 | 8.0% | 9.0% | 10.9% |
| REGION 7 | 65,886 | 64,960 | 65,446 | 63,278 | 61,750 | 62,652 | 2,608 | 3,210 | 2,794 | 4.0% | 4.9% | 4.3% |
| Adams | 1,703 | 1,678 | 1,647 | 1,672 | 1,643 | 1,616 | 31 | 35 | 31 | 1.8% | 2.1% | 1.9% |
| Billings | 715 | 654 | 678 | 692 | 621 | 642 | 23 | 33 | 36 | 3.2% | 5.0% | 5.3% |
| Bowman | 2,033 | 1,995 | 2,032 | 2,006 | 1,941 | 1,985 | 27 | 54 | 47 | 1.3% | 2.7% | 2.3% |
| Dunn | 1,617 | 1,517 | 1,674 | 1,518 | 1,437 | 1,579 | 99 | 80 | 95 | 6.1% | 5.3% | 5.7% |
| Gldn Valley | 1,011 | 967 | 1,021 | 980 | 923 | 1,002 | 31 | 44 | 19 | 3.1% | 4.6% | 1.9% |
| Hettinger | 1,675 | 1,600 | 1,744 | 1,616 | 1,492 | 1,677 | 59 | 108 | 67 | 3.5% | 6.8% | 3.8% |
| Slope | 434 | 427 | 417 | 393 | 378 | 396 | 41 | 49 | 21 | 9.4% | 11.5% | 5.0% |
| Stark | 11,454 | 11,313 | 11,161 | 10,968 | 10,771 | 10,732 | 486 | 542 | 429 | 4.2% | 4.8% | 3.8% |
| REGION 8 | 20,642 | 20,151 | 20,374 | 19,845 | 19,206 | 19,629 | 797 | 945 | 745 | 3.9% | 4.7% | 3.7% |
| **STATE TOTALS** | 323,250 | 319,001 | 324,358 | 311,276 | 305,156 | 311,352 | 11,974 | 13,845 | 13,006 | 3.7% | 4.3% | 4.0% |

## DEFINITIONS

**EMPLOYED:** A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE:** The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX:** A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
**216 Second Street**
**Phone: 224-2880**

**BEULAH**
**119 East Main**
**Phone: 873-5607**

**DEVILS LAKE**
**301 South College Drive**
**Phone: 662- 2181**

**DICKINSON**
**66 Osborn Drive**
**Phone: 227-2361**

**FARGO**
**1350 32nd Street South**
**Phone: 237-7113**

**NDSU-FARGO**
**Job Information and**
**Placement Center**
**211 Ceres Hall**
**Phone: 237-7111**

**FORT TOTTEN**
**Tribal Building**
**Phone: 766-4221, Ext. 45**

**FORT YATES**
**Job Service Building**
**Phone: 854-7463**

**GRAFTON**
**927 12th St. West**
**Phone: 352-2202**

**GRAND FORKS**
**2016 South Washington**
**Phone: 777-3711**

**UND-GRAND FORKS**
**McCannel Hall- Room 141**
**Phone: 777-3904**

**HARVEY**
**119 9th St. West**
**Phone: 324-4552**

**HETTINGER**
**606 2nd Avenue North**
**Phone: 567-2156**

**JAMESTOWN**
**429 2nd Street Southwest**
**Phone: 251-2256**

**MANDAN**
**501 1st Street Northwest**
**Phone: 663-6461**

**MINOT**
**3416 North Broadway**
**Phone: 857-7650**

**NEW TOWN**
**Tribal Administration Building**
**Phone: 627-4390**

**OAKES**
**517 Main Ave.**
**PHONE: 742-2546**

**ROLLA**
**103 East Main**
**Phone: 477-5631**

**VALLEY CITY**
**2425 West Main**
**Phone: 845-7261**

**WAHPETON**
**524 2nd Avenue North**
**Phone: 671-2711**

**WILLISTON**
**422 1st Avenue West**
**Phone: 774-4370**

Job Service North Dakota
Research and Statistics - LMA
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

Official Business
Penalty for Private Use $300

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

CONGRESSIONAL INFORMATION SERVICE
ATTENTION ROBERTA MASON
SRI ACQUISITIONS
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

If you do NOT wish to continue receiving this publication, please check here ______ and mail this page in an envelope to the above address.

S 6140-4

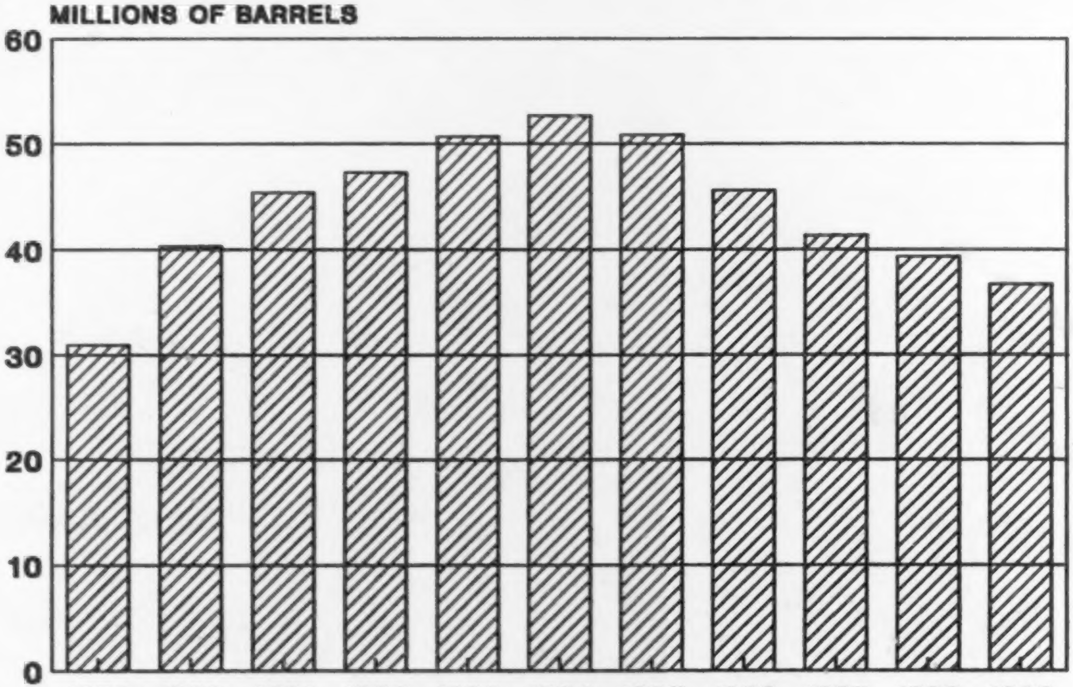
May, 1991

Volume 7, Number 5

JOB
SERVICE
North Dakota

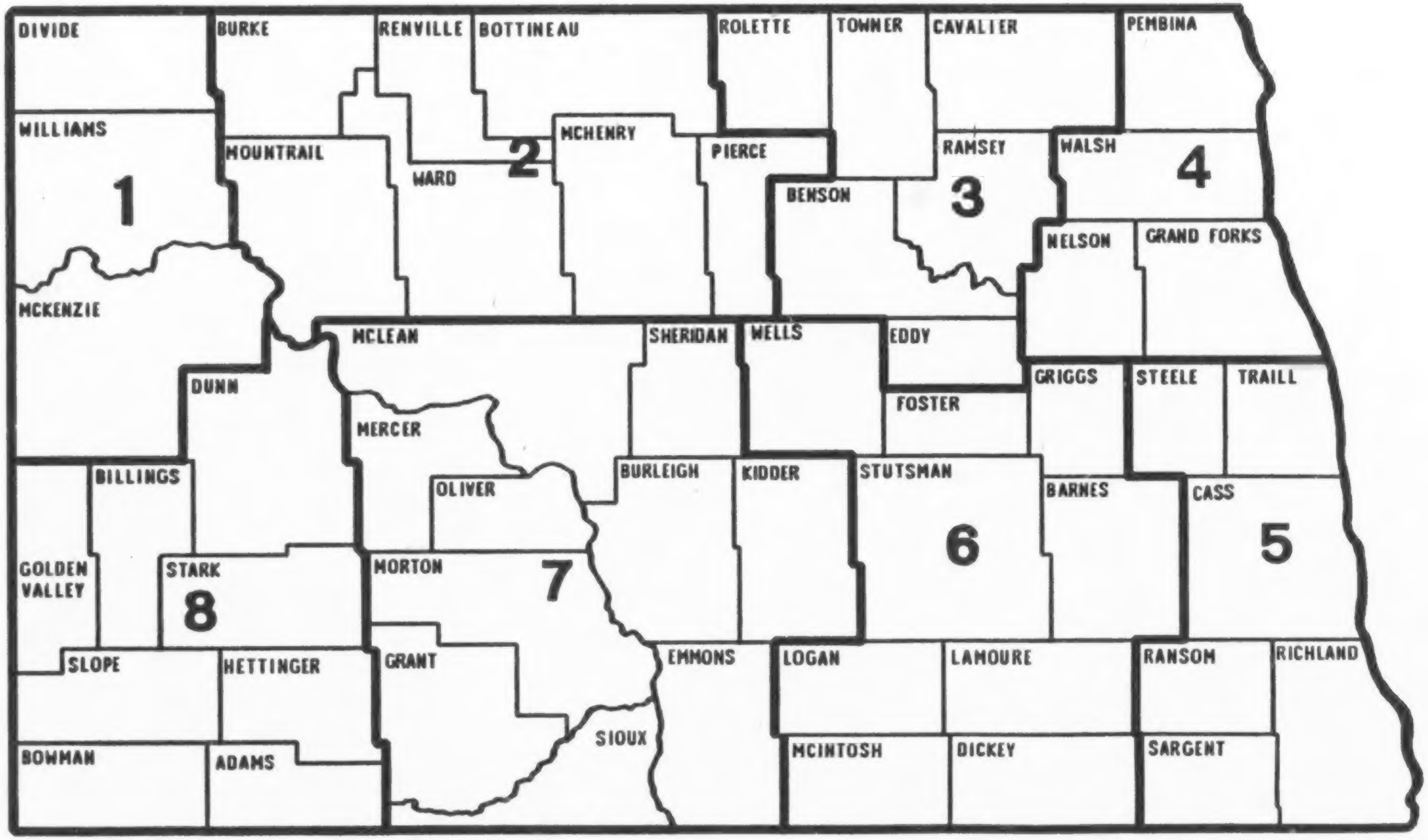
# The
# North Dakota
# Labor Market Advisor

## NORTH DAKOTA CRUDE OIL PRODUCTION



# NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
WARD
2
MCHENRY
PIERCE
RAMSEY
WALSH
4
1
BENSON
3
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
GRIGGS
STEELE
TRAILL
DUNN
MERCER
FOSTER
BILLINGS
OLIVER
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
GOLDEN VALLEY
STARK
8
MORTON
7
6
5
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

# THE
# NORTH DAKOTA
# LABOR MARKET ADVISOR

May, 1991

**GEORGE A. SINNER, GOVERNOR**
**STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

**Micheal V. Deisz**
**Executive Director**

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Director
(701) 224-2868

# THE OIL AND NATURAL GAS INDUSTRY IN NORTH DAKOTA

North Dakota has been an oil producing state for basically 40 years. It was in 1951 that North Dakota first produced crude oil (25,000 barrels). There were 32 other oil producing states in the union. North Dakota has been involved in natural gas production even longer: 84 years. Natural gas was found in 1907, but the first recorded production of 200,000 cubic feet (Mcf) was reported in 1928.

North Dakota has 53 counties with 17 of them producing oil and natural gas in 1990. This is an increase of two counties since 1980 with Hettinger and McLean Counties being the newest additions. In 1984, North Dakota had its peak production of crude oil with 52,652,000 barrels (bbls), while 1985 was the peak year for natural gas production with 72,633 million cubic feet (MMcf).

The deepest well so far was in 1978 when a crude oil well was drilled to a depth of 15,380 feet (2.9 miles). The deepest natural gas producing well was 14,636 feet.

Since January 1, 1980, 2,439 oil wells have been drilled (excluding service wells). During this same time period, 75 natural gas wells have been drilled as well as 2,034 dry wells. From our oil beginnings until December 31, 1989, 11,248 wells have been drilled with 49% (5,464) being dry holes.

North Dakota in 1989 ranked 11th in the nation for the number of crude oil wells drilled, 9th in crude oil production, and ranked 13th in crude oil reserves (1988 estimate). Looking at natural gas figures for 1989, one will find that North Dakota was 26th in wells drilled, 19th in producing natural gas wells, and 20th in the amount of reserves it has (1988 figure).

During 1989, a total of 180 wells (0.7% of the nation) were drilled compared to 364 wells (also 0.7% of the national figure) in 1979. Four Seismic crew-months were worked in 1989, accounting for 0.3% of all the land activity (without marine exploration) in the United States. In comparison, 269 crew-months were worked in 1979, accounting for about 6.2% of the total land activity.

As of December 31, 1989, there were 3,545 wells producing; 3,442 were crude oil wells (97.1%), while 103 were natural gas wells (2.9%). In 1979, there were 1,908 crude oil wells and 22 natural gas wells.

The average output per producing crude oil well in North Dakota was 10,675 bbls and the average output for a natural gas producing well was 515,437 Mcf. Comparatively, the national average is 4,592 bbls per oil well and 68,711 Mcf per gas well.

One barrel of oil contains 42 gallons and is equal to 5,614 cubic feet of natural gas or 0.22 tons of bituminous coal. One cubic foot of natural gas is equal to 7.48 gallons or 0.00004 tons of bituminous coal.

In 1989, the petroleum industry provided almost 8,500 jobs in North Dakota compared to 9,465 in 1979. Oil and natural gas extraction was the largest sector with 2,541 employees in 1989 versus 4,259 in 1979. Another 345 (267 in 1979) were employed in refining, while 1,076 (128 for 1979) were in transportation. The wholesale and retail sectors of petroleum employed 2,225 and 2,299, respectively. The 1979 respective figures were 2,414 and 2,397.

In 1979, there was an average of 56 rotary drilling rigs active compared to 15 in 1989.

The total value of crude oil and natural gas in 1979 was $431,772,000. By 1989, this value had increased to $682,147,000.

During 1978, North Dakota ranked 49th in the consumption of petroleum products, using 0.3% of the United States total. In 1989, we were ranked 47th, although we were still only consuming 0.3% of the U.S. total.

Oil has been a large source of revenue for North Dakota. In 1979, the State and Local Severance and Production Taxes paid was $15,094,169 (0.6% of all the U.S. total). In 1989, this figure had risen to $59,017,000 (1.5% of the U.S. total).

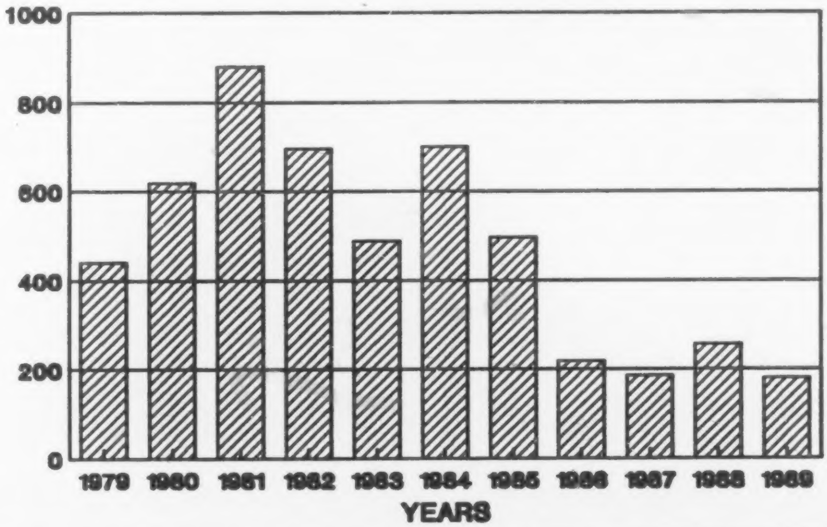
North Dakota was ranked 13th in crude oil production in 1979, producing 1.0% of the United States total. Texas, Alaska, Louisiana, and California were the top four producers in order. Together, these four states produced 76.1% of the national total. The same four states in the same order still led the nation in 1989 and produced 78.0% of the national total. North Dakota had risen to 9th place by 1989, producing 1.3% of the national total.

Nationally, the United States' oil activity has been in a slump. The U.S. rotary rig count in 1989 was 869 compared to 936 in 1987 and 1988. In August 1989, a majority of rigs were drilling for natural gas instead of oil. As a result, 1989 was the 22nd consecutive year that a new record had been set for producing natural gas wells. During June 1989, the seismic crew count fell to the lowest point since recordkeeping started in 1974. There were only 26,586 total well completions in 1989, the worst drilling year since World War II.

All definitions and numbers were provided by the Independent Petroleum Association of America (IPAA) in their publication The Oil and Natural Gas Producing Industry In Your State 1990-1991. Job Service North Dakota does not necessarily use the same definitions as the IPAA, which may cause employment numbers listed in the article to not match our employment figures. If you have any questions concerning the data within the article, please contact the Research and Statistics Section of Job Service at (701) 224-2868.

**Warren Boyd**
**Research Analyst**

## TOTAL WELLS DRILLED
### IN NORTH DAKOTA



# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | May 1991 | April 1991 | April 1991 | May 1990 | May 1990 |
| TOTAL NONAG | 272,450 | 268,500 | 1.5% | 269,250 | 1.2% |
| GOODS PRODUCING | 33,050 | 30,600 | 8.0% | 32,100 | 3.0% |
| MINING | 4,600 | 4,400 | 4.5% | 4,250 | 8.2% |
| Coal | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| Crude Petroleum & Nat. Gas | 3,100 | 3,000 | 3.3% | 2,800 | 10.7% |
| Other Mining | 450 | 350 | 28.6% | 400 | 12.5% |
| CONSTRUCTION | 10,900 | 8,600 | 26.7% | 11,000 | -0.9% |
| Building Construction | 2,400 | 2,100 | 14.3% | 2,400 | 0.0% |
| Street, Highway & Heavy | 3,400 | 2,000 | 70.0% | 3,400 | 0.0% |
| Special Trade Construction | 5,100 | 4,500 | 13.3% | 5,200 | -1.9% |
| MANUFACTURING | 17,550 | 17,600 | -0.3% | 16,850 | 4.2% |
| Durable Goods | 9,300 | 9,300 | 0.0% | 8,950 | 3.9% |
| Fabricated Metals | 1,050 | 1,000 | 5.0% | 1,150 | -8.7% |
| Machinery, Electric & Trans. Equip | 5,700 | 5,900 | -3.4% | 5,350 | 6.5% |
| Machinery & Electrical Equipment | 4,100 | 4,200 | -2.4% | 3,800 | 7.9% |
| Transportation Equipment | 1,600 | 1,700 | -5.9% | 1,550 | 3.2% |
| Other Durable Goods | 2,550 | 2,400 | 6.3% | 2,450 | 4.1% |
| Lumber & Wood | 1,200 | 1,200 | 0.0% | 1,200 | 0.0% |
| Misc Durable Goods | 1,350 | 1,200 | 12.5% | 1,250 | 8.0% |
| Nondurable Goods | 8,250 | 8,300 | -0.6% | 7,900 | 4.4% |
| Food & Kindred Products | 4,200 | 4,250 | -1.2% | 3,950 | 6.3% |
| Dairy Products | 600 | 600 | 0.0% | 650 | -7.7% |
| Grain Mill & Bakery Products | 1,000 | 1,000 | 0.0% | 900 | 11.1% |
| Sugar & Confectionary | 650 | 700 | -7.1% | 550 | 18.2% |
| Other Foods | 1,950 | 1,950 | 0.0% | 1,850 | 5.4% |
| Paper Products & Printing & Publishing | 2,600 | 2,600 | 0.0% | 2,500 | 4.0% |
| Other Nondurable Goods | 1,450 | 1,450 | 0.0% | 1,450 | 0.0% |
| SERVICES PRODUCING | 239,400 | 237,900 | 0.6% | 237,150 | 0.9% |
| TRAN, COMM & UTILITIES | 17,000 | 17,050 | -0.3% | 17,100 | -0.6% |
| Transportation | 8,900 | 8,950 | -0.6% | 8,900 | 0.0% |
| Trucking & Warehousing | 4,900 | 5,000 | -2.0% | 5,000 | -2.0% |
| Other Transportation | 4,000 | 3,950 | 1.3% | 3,900 | 2.6% |
| Railroads | 1,900 | 1,850 | 2.7% | 1,900 | 0.0% |
| Local & Suburban Transportation | 850 | 850 | 0.0% | 850 | 0.0% |
| Water, Air & Pipeline | 1,250 | 1,250 | 0.0% | 1,150 | 8.7% |
| Communications | 3,500 | 3,500 | 0.0% | 3,400 | 2.9% |
| Utilities | 4,600 | 4,600 | 0.0% | 4,800 | -4.2% |
| WHOLESALE TRADE | 19,300 | 19,100 | 1.0% | 19,700 | -2.0% |
| Durable Goods | 8,900 | 8,900 | 0.0% | 9,000 | -1.1% |
| Nondurable Goods | 10,400 | 10,200 | 2.0% | 10,700 | -2.8% |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | May 1991 | April 1991 | April 1991 | May 1990 | May 1990 |
| RETAIL TRADE | 52,850 | 52,150 | 1.3% | 51,150 | 3.3% |
| Hardware & Garden | 2,500 | 2,300 | 8.7% | 2,400 | 4.2% |
| General Merchandise | 7,400 | 7,500 | -1.3% | 6,300 | 17.5% |
| Food Stores | 7,200 | 7,100 | 1.4% | 7,200 | 0.0% |
| Auto Dealers & Service Stations | 6,900 | 6,900 | 0.0% | 6,900 | 0.0% |
| Apparel & Accessory | 2,400 | 2,400 | 0.0% | 2,600 | -7.7% |
| Furniture Stores | 1,650 | 1,650 | 0.0% | 1,650 | 0.0% |
| Eating & Drinking Places | 18,900 | 18,500 | 2.2% | 18,500 | 2.2% |
| Misc Retail | 5,900 | 5,800 | 1.7% | 5,600 | 5.4% |
| FINANCE, INS & REAL ESTATE | 12,650 | 12,500 | 1.2% | 12,450 | 1.6% |
| Finance | 6,600 | 6,500 | 1.5% | 6,550 | 0.8% |
| Banking | 5,600 | 5,500 | 1.8% | 5,600 | 0.0% |
| Other Finance | 1,000 | 1,000 | 0.0% | 950 | 5.3% |
| Insurance | 4,100 | 4,100 | 0.0% | 3,950 | 3.8% |
| Insurance Underwriters | 2,600 | 2,600 | 0.0% | 2,500 | 4.0% |
| Insurance Agents & Brokers | 1,500 | 1,500 | 0.0% | 1,450 | 3.4% |
| Real Estate | 1,950 | 1,900 | 2.6% | 1,950 | 0.0% |
| SERVICES | 70,500 | 70,400 | 0.1% | 68,650 | 2.7% |
| Lodging | 4,600 | 4,500 | 2.2% | 4,500 | 2.2% |
| Personal & Business | 8,200 | 8,200 | 0.0% | 8,100 | 1.2% |
| Personal Services | 3,200 | 3,300 | -3.0% | 3,100 | 3.2% |
| Business Services | 5,000 | 4,900 | 2.0% | 5,000 | 0.0% |
| Recreational Services | 2,700 | 2,500 | 8.0% | 2,500 | 8.0% |
| Health Services | 29,500 | 29,300 | 0.7% | 28,500 | 3.5% |
| Nursing & Hospital | 21,600 | 21,400 | 0.9% | 20,700 | 4.3% |
| Other Health | 7,900 | 7,900 | 0.0% | 7,800 | 1.3% |
| Educational Services | 2,600 | 3,100 | -16.1% | 2,800 | -7.1% |
| Social Services | 7,100 | 7,000 | 1.4% | 6,500 | 9.2% |
| Membership Organizations | 8,300 | 8,400 | -1.2% | 8,200 | 1.2% |
| Other Services | 7,500 | 7,400 | 1.4% | 7,550 | -0.7% |
| Auto & Misc Repair | 2,300 | 2,300 | 0.0% | 2,300 | 0.0% |
| Legal Services | 1,500 | 1,500 | 0.0% | 1,450 | 3.4% |
| Misc Services | 3,700 | 3,600 | 2.8% | 3,800 | -2.6% |
| GOVERNMENT | 67,100 | 66,700 | 0.6% | 68,100 | -1.5% |
| Federal | 10,300 | 10,200 | 1.0% | 11,000 | -6.4% |
| State & Local | 56,800 | 56,500 | 0.5% | 57,100 | -0.5% |
| State Government | 20,600 | 20,500 | 0.5% | 20,500 | 0.5% |
| Educational Services | 13,300 | 13,300 | 0.0% | 13,300 | 0.0% |
| Other State Government | 7,300 | 7,200 | 1.4% | 7,200 | 1.4% |
| Local Government | 36,200 | 36,000 | 0.6% | 36,600 | -1.1% |
| Educational Services | 18,300 | 18,300 | 0.0% | 18,500 | -1.1% |
| Other Local Government | 17,900 | 17,700 | 1.1% | 18,100 | -1.1% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | May 1991 | April 1991 | April 1991 | May 1990 | May 1990 |
| **BISMARCK MSA** | | | | | |
| **TOTAL NONAG** | 41,800 | 41,000 | 2.0% | 41,050 | 1.8% |
| GOODS PRODUCING | 4,800 | 4,150 | 15.7% | 5,000 | -4.0% |
| MINING & CONSTRUCTION | 2,400 | 1,850 | 29.7% | 2,700 | -11.1% |
| MANUFACTURING | 2,400 | 2,300 | 4.3% | 2,300 | 4.3% |
| Durable Goods | 1,000 | 950 | 5.3% | 1,000 | 0.0% |
| Nondurable Goods | 1,400 | 1,350 | 3.7% | 1,300 | 7.7% |
| SERVICES PRODUCING | 37,000 | 36,850 | 0.4% | 36,050 | 2.6% |
| TRANS, COMM. & UTILITIES | 2,900 | 2,900 | 0.0% | 2,850 | 1.8% |
| Transportation | 1,250 | 1,250 | 0.0% | 1,200 | 4.2% |
| Communications & Utilities | 1,650 | 1,650 | 0.0% | 1,650 | 0.0% |
| WHOLESALE TRADE | 2,100 | 2,100 | 0.0% | 2,200 | -4.5% |
| RETAIL TRADE | 8,400 | 8,250 | 1.8% | 8,200 | 2.4% |
| General Merchandise & Apparel | 1,700 | 1,700 | 0.0% | 1,550 | 9.7% |
| Food Stores | 1,050 | 1,000 | 5.0% | 1,050 | 0.0% |
| Auto Dealers & Service Stations | 1,050 | 1,000 | 5.0% | 1,100 | -4.5% |
| Eating & Drinking Places | 2,800 | 2,800 | 0.0% | 2,800 | 0.0% |
| Other Retail | 1,800 | 1,750 | 2.9% | 1,700 | 5.9% |
| FINANCE, INS. & REAL ESTATE | 1,500 | 1,500 | 0.0% | 1,500 | 0.0% |
| SERVICES | 12,800 | 12,900 | -0.8% | 12,250 | 4.5% |
| Lodging | 1,000 | 1,000 | 0.0% | 950 | 5.3% |
| Personal & Business | 1,500 | 1,450 | 3.4% | 1,500 | 0.0% |
| Health Services | 5,400 | 5,400 | 0.0% | 5,000 | 8.0% |
| Educational Services | 650 | 850 | -23.5% | 650 | 0.0% |
| Social Services | 1,250 | 1,200 | 4.2% | 1,150 | 8.7% |
| Membership Organizations | 1,250 | 1,250 | 0.0% | 1,300 | -3.8% |
| Other Services | 1,750 | 1,750 | 0.0% | 1,700 | 2.9% |
| GOVERNMENT | 9,300 | 9,200 | 1.1% | 9,050 | 2.8% |
| Federal | 1,150 | 1,100 | 4.5% | 1,250 | -8.0% |
| State | 4,200 | 4,350 | -3.4% | 4,150 | 1.2% |
| State Education | 300 | 350 | -14.3% | 350 | -14.3% |
| Other State | 3,900 | 4,000 | -2.5% | 3,800 | 2.6% |
| Local | 3,950 | 3,750 | 5.3% | 3,650 | 8.2% |
| Local Education | 2,200 | 2,100 | 4.8% | 2,100 | 4.8% |
| Other Local | 1,750 | 1,650 | 6.1% | 1,550 | 12.9% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | May 1991 | April 1991 | April 1991 | May 1990 | May 1990 |
| **FARGO-MOORHEAD MSA** | | | | | |
| TOTAL NONAG | 80,650 | 79,550 | 1.4% | 78,900 | 2.2% |
| GOODS PRODUCING | 9,200 | 8,650 | 6.4% | 9,450 | -2.6% |
| MINING & CONSTRUCTION | 3,800 | 3,200 | 18.8% | 3,800 | 0.0% |
| Special Trade | 2,000 | 1,800 | 11.1% | 2,000 | 0.0% |
| Other Mining & Construction | 1,800 | 1,400 | 28.6% | 1,800 | 0.0% |
| MANUFACTURING | 5,400 | 5,450 | -0.9% | 5,650 | -4.4% |
| Durable Goods | 2,700 | 2,800 | -3.6% | 2,950 | -8.5% |
| Fabricated Metals & Machinery | 1,450 | 1,500 | -3.3% | 1,500 | -3.3% |
| Other Durable Goods | 1,250 | 1,300 | -3.8% | 1,450 | -13.8% |
| Nondurable Goods | 2,700 | 2,650 | 1.9% | 2,700 | 0.0% |
| Food & Kindred | 1,650 | 1,650 | 0.0% | 1,650 | 0.0% |
| Other Nondurable Goods | 1,050 | 1,000 | 5.0% | 1,050 | 0.0% |
| SERVICES PRODUCING | 71,450 | 70,900 | 0.8% | 69,450 | 2.9% |
| TRANS, COMM & UTILITIES | 4,800 | 4,800 | 0.0% | 4,700 | 2.1% |
| Trucking & Warehousing | 2,300 | 2,300 | 0.0% | 2,200 | 4.5% |
| Other Transportation | 950 | 950 | 0.0% | 950 | 0.0% |
| Communications & Utilities | 1,550 | 1,550 | 0.0% | 1,550 | 0.0% |
| WHOLESALE TRADE | 6,900 | 6,800 | 1.5% | 6,800 | 1.5% |
| Durable Goods | 3,800 | 3,800 | 0.0% | 3,800 | 0.0% |
| Nondurable Goods | 3,100 | 3,000 | 3.3% | 3,000 | 3.3% |
| RETAIL TRADE | 16,600 | 16,300 | 1.8% | 15,850 | 4.7% |
| General Merchandise & Apparel | 3,300 | 3,300 | 0.0% | 2,900 | 13.8% |
| Food Stores | 2,100 | 2,100 | 0.0% | 2,200 | -4.5% |
| Auto Dealers & Service Stations | 2,000 | 2,000 | 0.0% | 1,950 | 2.6% |
| Eating & Drinking Places | 6,300 | 6,100 | 3.3% | 6,000 | 5.0% |
| Other Retail | 2,900 | 2,800 | 3.6% | 2,800 | 3.6% |
| FINANCE, INS & REAL ESTATE | 4,700 | 4,650 | 1.1% | 4,600 | 2.2% |
| Finance | 2,000 | 2,000 | 0.0% | 2,000 | 0.0% |
| Insurance Carriers | 1,600 | 1,550 | 3.2% | 1,500 | 6.7% |
| Other Insurance & Real Estate | 1,100 | 1,100 | 0.0% | 1,100 | 0.0% |
| SERVICES | 22,900 | 22,900 | 0.0% | 21,950 | 4.3% |
| Lodging | 1,450 | 1,400 | 3.6% | 1,400 | 3.6% |
| Personal & Business | 3,800 | 3,800 | 0.0% | 3,600 | 5.6% |
| Recreation & Amusement | 1,050 | 950 | 10.5% | 900 | 16.7% |
| Health Services | 8,300 | 8,300 | 0.0% | 7,900 | 5.1% |
| Educational Services | 2,200 | 2,300 | -4.3% | 2,200 | 0.0% |
| Social Services | 1,850 | 1,850 | 0.0% | 1,700 | 8.8% |
| Membership Organizations | 1,550 | 1,600 | -3.1% | 1,550 | 0.0% |
| Other Services | 2,700 | 2,700 | 0.0% | 2,700 | 0.0% |
| GOVERNMENT | 15,550 | 15,450 | 0.6% | 15,550 | 0.0% |
| Federal | 2,300 | 2,300 | 0.0% | 2,400 | -4.2% |
| State | 6,350 | 6,350 | 0.0% | 6,350 | 0.0% |
| State Education | 5,800 | 5,800 | 0.0% | 5,800 | 0.0% |
| Other State | 550 | 550 | 0.0% | 550 | 0.0% |
| Local | 6,900 | 6,800 | 1.5% | 6,800 | 1.5% |
| Local Education | 4,300 | 4,300 | 0.0% | 4,200 | 2.4% |
| Other Local | 2,600 | 2,500 | 4.0% | 2,600 | 0.0% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | May 1991 | April 1991 | April 1991 | May 1990 | May 1990 |
| **GRAND FORKS MSA** | | | | | |
| **TOTAL NONAG** | 32,600 | 32,300 | 0.9% | 31,850 | 2.4% |
| GOODS PRODUCING | 2,850 | 2,650 | 7.5% | 2,750 | 3.6% |
| MINING & CONSTRUCTION | 1,100 | 900 | 22.2% | 1,200 | -8.3% |
| MANUFACTURING | 1,750 | 1,750 | 0.0% | 1,550 | 12.9% |
| Durable Goods | 700 | 700 | 0.0% | 550 | 27.3% |
| Nondurable Goods | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| SERVICES PRODUCING | 29,750 | 29,650 | 0.3% | 29,100 | 2.2% |
| TRANS, COMM. & UTILITIES | 1,750 | 1,700 | 2.9% | 1,700 | 2.9% |
| Transportation | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| Communications & Utilities | 700 | 650 | 7.7% | 700 | 0.0% |
| WHOLESALE TRADE | 1,550 | 1,550 | 0.0% | 1,600 | -3.1% |
| RETAIL TRADE | 7,700 | 7,700 | 0.0% | 7,550 | 2.0% |
| General Merchandise & Apparel | 2,000 | 2,000 | 0.0% | 1,850 | 8.1% |
| Eating & Drinking Places | 2,900 | 2,900 | 0.0% | 2,800 | 3.6% |
| Other Retail | 2,800 | 2,800 | 0.0% | 2,900 | -3.4% |
| FINANCE, INS. & REAL ESTATE | 1,100 | 1,100 | 0.0% | 1,100 | 0.0% |
| SERVICES | 7,650 | 7,550 | 1.3% | 7,150 | 7.0% |
| Personal & Business | 1,050 | 1,050 | 0.0% | 950 | 10.5% |
| Health Services | 3,000 | 3,000 | 0.0% | 2,800 | 7.1% |
| Other Services | 3,600 | 3,500 | 2.9% | 3,400 | 5.9% |
| GOVERNMENT | 10,000 | 10,050 | -0.5% | 10,000 | 0.0% |
| Federal | 1,550 | 1,550 | 0.0% | 1,550 | 0.0% |
| State | 5,900 | 5,850 | 0.9% | 5,900 | 0.0% |
| State Education | 5,400 | 5,400 | 0.0% | 5,400 | 0.0% |
| Other State | 500 | 450 | 11.1% | 500 | 0.0% |
| Local | 2,550 | 2,650 | -3.8% | 2,550 | 0.0% |
| Local Education | 1,400 | 1,500 | -6.7% | 1,400 | 0.0% |
| Other Local | 1,150 | 1,150 | 0.0% | 1,150 | 0.0% |

## UNITED STATES

## MANUFACTURING HOURS AND EARNINGS

| *INDUSTRY* | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | MAY 1991 | APR 1991 | MAY 1990 | MAY 1991 | APR 1991 | MAY 1990 | MAY 1991 | APR 1991 | MAY 1990 |
| MANUFACTURING | 449.35 | 445.91 | 442.13 | 40.3 | 40.1 | 40.9 | 11.15 | 11.12 | 10.81 |
| Durable Goods | 477.00 | 472.58 | 470.20 | 40.7 | 40.6 | 41.5 | 11.72 | 11.64 | 11.33 |
| Nondurable Goods | 412.88 | 410.01 | 404.00 | 39.7 | 39.5 | 40.0 | 10.40 | 10.38 | 10.10 |

## NORTH DAKOTA

## MANUFACTURING HOURS AND EARNINGS

| *INDUSTRY* | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | MAY 1991 | APR 1991 | MAY 1990 | MAY 1991 | APR 1991 | MAY 1990 | MAY 1991 | APR 1991 | MAY 1990 |
| MANUFACTURING | 364.69 | 359.68 | 361.40 | 39.9 | 39.7 | 40.2 | 9.14 | 9.06 | 8.99 |
| Durable Goods | 381.23 | 378.62 | 376.33 | 40.6 | 40.8 | 41.4 | 9.39 | 9.28 | 9.09 |
| Nondurable Goods | 343.59 | 337.15 | 341.61 | 39.0 | 38.4 | 38.6 | 8.81 | 8.78 | 8.85 |
| Food & Kindred | 347.04 | 345.82 | 336.76 | 40.4 | 40.4 | 39.9 | 8.59 | 8.56 | 8.44 |

## FARGO-MOORHEAD MSA

## MANUFACTURING HOURS AND EARNINGS

| *INDUSTRY* | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | MAY 1991 | APR 1991 | MAY 1990 | MAY 1991 | APR 1991 | MAY 1990 | MAY 1991 | APR 1991 | MAY 1990 |
| MANUFACTURING | 346.46 | 338.78 | 340.34 | 37.7 | 37.6 | 38.5 | 9.19 | 9.01 | 8.84 |
| Durable Goods | 346.48 | 340.56 | 330.79 | 38.8 | 39.1 | 39.1 | 8.93 | 8.71 | 8.46 |
| Nondurable Goods | 344.71 | 336.60 | 351.92 | 36.4 | 36.0 | 37.8 | 9.47 | 9.35 | 9.31 |

# LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | CURRENT MONTH MAY 1991 | PREVIOUS MONTH APR 1991 | % CHANGE FROM APR 1991 | ONE YEAR AGO MAY 1990 | % CHANGE FROM MAY 1990 |
|---|---|---|---|---|---|
| **UNITED STATES** | | | | | |
| (In Thousands) | | | | | |
| Labor Force | 126,689 | 127,128 | -0.3% | 126,642 | 0.0% |
| Employment | 118,049 | 118,854 | -0.7% | 119,989 | -1.6% |
| Unemployment | 8,640 | 8,274 | 4.4% | 6,653 | 29.9% |
| Unemployment Rate | 6.8% | 6.5% | xxx | 5.3% | xxx |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 321,750 | 323,290 | -0.5% | 325,450 | -1.1% |
| Employment | 308,270 | 311,300 | -1.0% | 313,780 | -1.8% |
| Unemployment | 13,480 | 11,990 | 12.4% | 11,670 | 15.5% |
| Unemployment Rate | 4.2% | 3.7% | xxx | 3.6% | xxx |
| **BISMARCK MSA** | | | | | |
| Labor Force | 47,370 | 47,520 | -0.3% | 47,570 | -0.4% |
| Employment | 45,560 | 45,860 | -0.7% | 46,030 | -1.0% |
| Unemployment | 1,810 | 1,660 | 9.0% | 1,540 | 17.5% |
| Unemployment Rate | 3.8% | 3.5% | xxx | 3.2% | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 89,740 | 90,470 | -0.8% | 88,400 | 1.5% |
| Employment | 86,780 | 87,440 | -0.8% | 86,110 | 0.8% |
| Unemployment | 2,960 | 3,030 | -2.3% | 2,290 | 29.3% |
| Unemployment Rate | 3.3% | 3.3% | xxx | 2.6% | xxx |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 35,840 | 36,000 | -0.4% | 35,650 | 0.5% |
| Employment | 34,500 | 34,970 | -1.3% | 34,370 | 0.4% |
| Unemployment | 1,340 | 1,030 | 30.1% | 1,280 | 4.7% |
| Unemployment Rate | 3.7% | 2.9% | xxx | 3.6% | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Bismarck Metropolitan Statistical Area (MSA) includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.
The Grand Forks MSA includes Grand Forks County.

## BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
APR 1991

| | NORTH DAKOTA | MINNESOTA | SOUTH DAKOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 323.3 | 2,429.0 | 360.5 | 406.5 |
| Employment | 311.3 | 2,306.5 | 348.2 | 379.1 |
| Unemployment | 12.0 | 122.5 | 12.3 | 27.4 |
| Unemployment Rate | 3.7% | 5.0% | 3.4% | 6.7% |

# U. S. CONSUMER PRICE INDEX

## ALL URBAN CONSUMERS

(1982-84 = 100)

| ITEM | ANNUAL AVERAGE 1990 | MAY 1991 | APR 1991 | Percent Change From APR 1991 | MAY 1990 | Percent Change From MAY 1990 |
|---|---|---|---|---|---|---|
| All Items | 130.7 | 135.6 | 135.2 | 0.3% | 129.2 | 5.0% |
| Food & Beverage | 132.1 | 137.3 | 137.2 | 0.1% | 131.1 | 4.7% |
| Housing | 128.5 | 132.8 | 132.5 | 0.2% | 127.1 | 4.5% |
| Apparel & Upkeep | 124.1 | 129.4 | 130.1 | -0.5% | 125.5 | 3.1% |
| Transportation | 120.5 | 123.3 | 122.2 | 0.9% | 117.7 | 4.8% |
| Medical Care | 162.8 | 175.2 | 174.4 | 0.5% | 160.8 | 9.0% |
| Entertainment | 132.4 | 137.8 | 137.7 | 0.1% | 131.7 | 4.6% |
| All Other | 159.0 | 169.1 | 168.8 | 0.2% | 156.6 | 8.0% |

# PRODUCER PRICE INDEX

## UNITED STATES AVERAGE

| ITEM | ANNUAL AVERAGE 1990 | MAY 1991 | APR 1991 | Percent Change From APR 1991 | MAY 1990 | Percent Change From MAY 1990 |
|---|---|---|---|---|---|---|
| All Commodities | 116.3 | 116.5 | 116.0 | 0.4% | 114.6 | 1.7% |
| Farm Products & Processed Foods and Feeds | 118.6 | 118.5 | 118.2 | 0.3% | 120.1 | -1.3% |
| Industrial Commodities | 115.8 | 116.1 | 115.5 | 0.5% | 113.5 | 2.3% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MAY'91 | APR'91 | MAY'90 | MAY'91 | APR'91 | MAY'90 | MAY'91 | APR'91 | MAY'90 | MAY'91 | APR'91 | MAY'90 |
| Divide | 1,305 | 1,308 | 1,356 | 1,268 | 1,272 | 1,346 | 37 | 36 | 10 | 2.8% | 2.8% | 0.7% |
| McKenzie | 2,531 | 2,501 | 2,769 | 2,392 | 2,429 | 2,695 | 139 | 72 | 74 | 5.5% | 2.9% | 2.7% |
| Williams | 10,762 | 10,814 | 10,859 | 10,203 | 10,399 | 10,465 | 559 | 415 | 394 | 5.2% | 3.8% | 3.6% |
| REGION 1 | 14,598 | 14,623 | 14,984 | 13,863 | 14,100 | 14,506 | 735 | 523 | 478 | 5.0% | 3.6% | 3.2% |
| Bottineau | 3,074 | 3,033 | 3,275 | 2,929 | 2,919 | 3,118 | 145 | 114 | 157 | 4.7% | 3.8% | 4.8% |
| Burke | 1,254 | 1,304 | 1,300 | 1,186 | 1,244 | 1,243 | 68 | 60 | 57 | 5.4% | 4.6% | 4.4% |
| McHenry | 2,400 | 2,416 | 2,520 | 2,192 | 2,184 | 2,296 | 208 | 232 | 224 | 8.7% | 9.6% | 8.9% |
| Mountrail | 3,148 | 3,131 | 3,141 | 2,914 | 2,973 | 2,972 | 234 | 158 | 169 | 7.4% | 5.0% | 5.4% |
| Pierce | 2,271 | 2,337 | 2,422 | 2,206 | 2,255 | 2,337 | 65 | 82 | 85 | 2.9% | 3.5% | 3.5% |
| Renville | 1,161 | 1,139 | 1,177 | 1,108 | 1,109 | 1,151 | 53 | 30 | 26 | 4.6% | 2.6% | 2.2% |
| Ward | 25,468 | 25,729 | 25,687 | 24,347 | 24,695 | 24,666 | 1,121 | 1,034 | 1,021 | 4.4% | 4.0% | 4.0% |
| REGION 2 | 38,776 | 39,089 | 39,522 | 36,882 | 37,379 | 37,783 | 1,894 | 1,710 | 1,739 | 4.9% | 4.4% | 4.4% |
| Benson | 2,783 | 2,776 | 2,991 | 2,536 | 2,612 | 2,726 | 247 | 164 | 265 | 8.9% | 5.9% | 8.9% |
| Cavalier | 2,416 | 2,442 | 2,548 | 2,298 | 2,318 | 2,420 | 118 | 124 | 128 | 4.9% | 5.1% | 5.0% |
| Eddy | 1,342 | 1,299 | 1,421 | 1,211 | 1,175 | 1,314 | 131 | 124 | 107 | 9.8% | 9.5% | 7.5% |
| Ramsey | 6,431 | 6,477 | 6,585 | 6,240 | 6,309 | 6,385 | 191 | 168 | 200 | 3.0% | 2.6% | 3.0% |
| Rolette | 4,181 | 4,192 | 4,501 | 3,616 | 3,766 | 3,898 | 565 | 426 | 603 | 13.5% | 10.2% | 13.4% |
| Towner | 1,705 | 1,668 | 1,746 | 1,652 | 1,644 | 1,712 | 53 | 24 | 34 | 3.1% | 1.4% | 1.9% |
| REGION 3 | 18,858 | 18,854 | 19,792 | 17,553 | 17,824 | 18,455 | 1,305 | 1,030 | 1,337 | 6.9% | 5.5% | 6.8% |
| Grand Forks | 35,835 | 35,999 | 35,648 | 34,498 | 34,972 | 34,365 | 1,337 | 1,027 | 1,283 | 3.7% | 2.9% | 3.6% |
| Nelson | 1,750 | 1,778 | 1,837 | 1,690 | 1,712 | 1,769 | 60 | 66 | 68 | 3.4% | 3.7% | 3.7% |
| Pembina | 4,849 | 4,749 | 5,123 | 4,490 | 4,449 | 4,730 | 359 | 300 | 393 | 7.4% | 6.3% | 7.7% |
| Walsh | 7,348 | 7,485 | 7,544 | 7,048 | 7,192 | 7,225 | 300 | 293 | 319 | 4.1% | 3.9% | 4.2% |
| REGION 4 | 49,782 | 50,011 | 50,152 | 47,726 | 48,325 | 48,089 | 2,056 | 1,686 | 2,063 | 4.1% | 3.4% | 4.1% |
| Cass | 62,810 | 63,505 | 62,475 | 61,150 | 61,830 | 61,186 | 1,660 | 1,675 | 1,289 | 2.6% | 2.6% | 2.1% |
| Ransom | 2,541 | 2,639 | 2,650 | 2,494 | 2,568 | 2,584 | 47 | 71 | 66 | 1.8% | 2.7% | 2.5% |
| Richland | 8,406 | 8,520 | 8,390 | 8,028 | 8,111 | 8,130 | 378 | 409 | 260 | 4.5% | 4.8% | 3.1% |
| Sargent | 2,747 | 2,797 | 2,721 | 2,686 | 2,715 | 2,683 | 61 | 82 | 38 | 2.2% | 2.9% | 1.4% |
| Steele | 1,012 | 1,051 | 1,056 | 985 | 1,000 | 1,025 | 27 | 51 | 31 | 2.7% | 4.9% | 2.9% |
| Traill | 3,959 | 3,992 | 4,137 | 3,747 | 3,809 | 3,993 | 212 | 183 | 144 | 5.4% | 4.6% | 3.5% |
| REGION 5 | 81,475 | 82,504 | 81,429 | 79,090 | 80,033 | 79,601 | 2,385 | 2,471 | 1,828 | 2.9% | 3.0% | 2.2% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MAY'91 | APR'91 | MAY'90 | MAY'91 | APR'91 | MAY'90 | MAY'91 | APR'91 | MAY'90 | MAY'91 | APR'91 | MAY'90 |
| Barnes | 5,569 | 5,631 | 5,637 | 5,375 | 5,455 | 5,487 | 194 | 176 | 150 | 3.5% | 3.1% | 2.7% |
| Dickey | 2,936 | 2,939 | 2,992 | 2,837 | 2,876 | 2,923 | 99 | 63 | 69 | 3.4% | 2.1% | 2.3% |
| Foster | 2,097 | 2,099 | 2,198 | 2,024 | 2,017 | 2,107 | 73 | 82 | 91 | 3.5% | 3.9% | 4.1% |
| Griggs | 1,419 | 1,430 | 1,535 | 1,385 | 1,376 | 1,491 | 34 | 54 | 44 | 2.4% | 3.8% | 2.9% |
| La Moure | 2,204 | 2,253 | 2,286 | 2,147 | 2,178 | 2,217 | 57 | 75 | 69 | 2.6% | 3.3% | 3.0% |
| Logan | 1,372 | 1,378 | 1,443 | 1,330 | 1,328 | 1,392 | 42 | 50 | 51 | 3.1% | 3.6% | 3.5% |
| McIntosh | 2,105 | 2,110 | 2,186 | 2,060 | 2,087 | 2,164 | 45 | 23 | 22 | 2.1% | 1.1% | 1.0% |
| Stutsman | 11,121 | 11,237 | 11,571 | 10,617 | 10,752 | 11,203 | 504 | 485 | 368 | 4.5% | 4.3% | 3.2% |
| Wells | 2,629 | 2,662 | 2,714 | 2,453 | 2,513 | 2,542 | 176 | 149 | 172 | 6.7% | 5.6% | 6.3% |
| REGION 6 | 31,452 | 31,739 | 32,562 | 30,228 | 30,582 | 31,526 | 1,224 | 1,157 | 1,036 | 3.9% | 3.6% | 3.2% |
| Burleigh | 34,739 | 34,773 | 34,886 | 33,434 | 33,653 | 33,781 | 1,305 | 1,120 | 1,105 | 3.8% | 3.2% | 3.2% |
| Emmons | 2,088 | 2,090 | 2,143 | 2,001 | 2,001 | 2,058 | 87 | 89 | 85 | 4.2% | 4.3% | 4.0% |
| Grant | 1,697 | 1,652 | 1,757 | 1,616 | 1,615 | 1,697 | 81 | 37 | 60 | 4.8% | 2.2% | 3.4% |
| Kidder | 1,477 | 1,502 | 1,516 | 1,367 | 1,379 | 1,403 | 110 | 123 | 113 | 7.4% | 8.2% | 7.5% |
| McLean | 4,467 | 4,339 | 4,482 | 4,239 | 4,145 | 4,250 | 228 | 194 | 232 | 5.1% | 4.5% | 5.2% |
| Mercer | 5,561 | 5,488 | 5,539 | 5,206 | 5,189 | 5,245 | 355 | 299 | 294 | 6.4% | 5.4% | 5.3% |
| Morton | 12,630 | 12,743 | 12,686 | 12,128 | 12,207 | 12,253 | 502 | 536 | 433 | 4.0% | 4.2% | 3.4% |
| Oliver | 1,061 | 1,075 | 1,066 | 1,030 | 1,008 | 1,022 | 31 | 67 | 44 | 2.9% | 6.2% | 4.1% |
| Sheridan | 1,077 | 1,086 | 1,087 | 1,020 | 1,024 | 1,049 | 57 | 62 | 38 | 5.3% | 5.7% | 3.5% |
| Sioux | 1,161 | 1,097 | 1,168 | 1,004 | 1,009 | 1,040 | 157 | 88 | 128 | 13.5% | 8.0% | 11.0% |
| REGION 7 | 65,958 | 65,845 | 66,330 | 63,045 | 63,230 | 63,798 | 2,913 | 2,615 | 2,532 | 4.4% | 4.0% | 3.8% |
| Adams | 1,690 | 1,701 | 1,661 | 1,654 | 1,670 | 1,636 | 36 | 31 | 25 | 2.1% | 1.8% | 1.5% |
| Billings | 876 | 714 | 809 | 847 | 692 | 787 | 29 | 22 | 22 | 3.3% | 3.1% | 2.7% |
| Bowman | 2,043 | 2,032 | 2,038 | 1,983 | 2,005 | 2,006 | 60 | 27 | 32 | 2.9% | 1.3% | 1.6% |
| Dunn | 1,637 | 1,617 | 1,692 | 1,548 | 1,518 | 1,626 | 89 | 99 | 66 | 5.4% | 6.1% | 3.9% |
| Gldn Valley | 1,035 | 1,010 | 1,040 | 980 | 979 | 1,024 | 55 | 31 | 16 | 5.3% | 3.1% | 1.5% |
| Hettinger | 1,650 | 1,673 | 1,768 | 1,603 | 1,614 | 1,699 | 47 | 59 | 69 | 2.8% | 3.5% | 3.9% |
| Slope | 441 | 434 | 427 | 407 | 393 | 408 | 34 | 41 | 19 | 7.7% | 9.4% | 4.4% |
| Stark | 11,477 | 11,449 | 11,234 | 10,858 | 10,961 | 10,831 | 619 | 488 | 403 | 5.4% | 4.3% | 3.6% |
| REGION 8 | 20,849 | 20,630 | 20,669 | 19,880 | 19,832 | 20,017 | 969 | 798 | 652 | 4.6% | 3.9% | 3.2% |
| **STATE TOTALS** | 321,743 | 323,291 | 325,448 | 308,265 | 311,304 | 313,776 | 13,478 | 11,987 | 11,672 | 4.2% | 3.7% | 3.6% |

## DEFINITIONS

**EMPLOYED:** A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE:** The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX:** A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
**216 Second Street**
**Phone: 224-2880**

**BEULAH**
**119 East Main**
**Phone: 873-5607**

**DEVILS LAKE**
**301 South College Drive**
**Phone: 662- 2181**

**DICKINSON**
**66 Osborn Drive**
**Phone: 227-2361**

**FARGO**
**1350 32nd Street South**
**Phone: 239-7100**

**NDSU-FARGO**
**Career Services**
**211 Ceres Hall**
**Phone: 237-7111**

**FORT TOTTEN**
**Tribal Building**
**Phone: 766-4221, Ext. 45**

**FORT YATES**
**Job Service Building**
**Phone: 854-7463**

**GRAFTON**
**927 12th St. West**
**Phone: 352-4450**

**GRAND FORKS**
**2016 South Washington**
**Phone: 777-3711**

**UND-GRAND FORKS**
**McCannel Hall- Room 141**
**Phone: 777-3904**

**HARVEY**
**119 9th St. West**
**Phone: 324-4552**

**HETTINGER**
**606 2nd Avenue North**
**Phone: 567-2156**

**JAMESTOWN**
**429 2nd Street Southwest**
**Phone: 251-2256**

**MANDAN**
**501 1st Street Northwest**
**Phone: 663-6461**

**MINOT**
**3416 North Broadway**
**Phone: 857-7650**

**NEW TOWN**
**Tribal Administration Building**
**Phone: 627-4390**

**OAKES**
**517 Main Ave.**
**PHONE: 742-2546**

**ROLLA**
**103 East Main**
**Phone: 477-5631**

**VALLEY CITY**
**2425 West Main**
**Phone: 845-7261**

**WAHPETON**
**524 2nd Avenue North**
**Phone: 671-2711**

**WILLISTON**
**422 1st Avenue West**
**Phone: 774-4370**

Job Service North Dakota
Research and Statistics - LMA
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

Official Business
Penalty for Private Use $300

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

CONGRESSIONAL INFORMATION SERVICE
ATTENTION [illegible] [illegible]
SRI ACQUISITIONS
4520 EAST WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

If you do NOT wish to continue receiving this publication, please check here ______ and mail this page in an envelope to the above address.

S 140-4

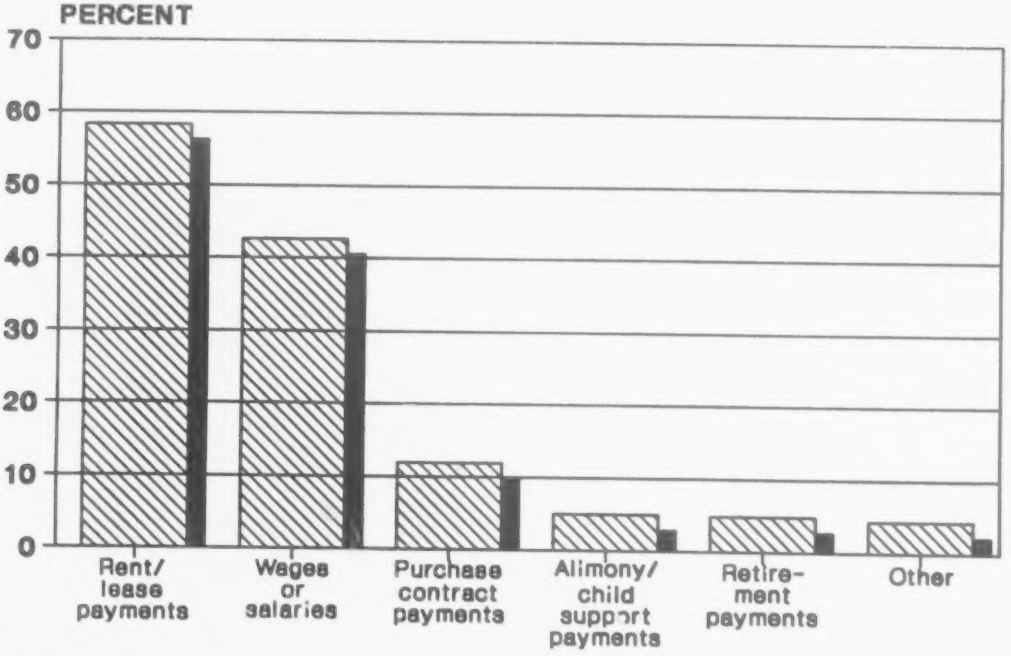
June, 1991

Volume 7, Number 6

JOB
SERVICE
North Dakota

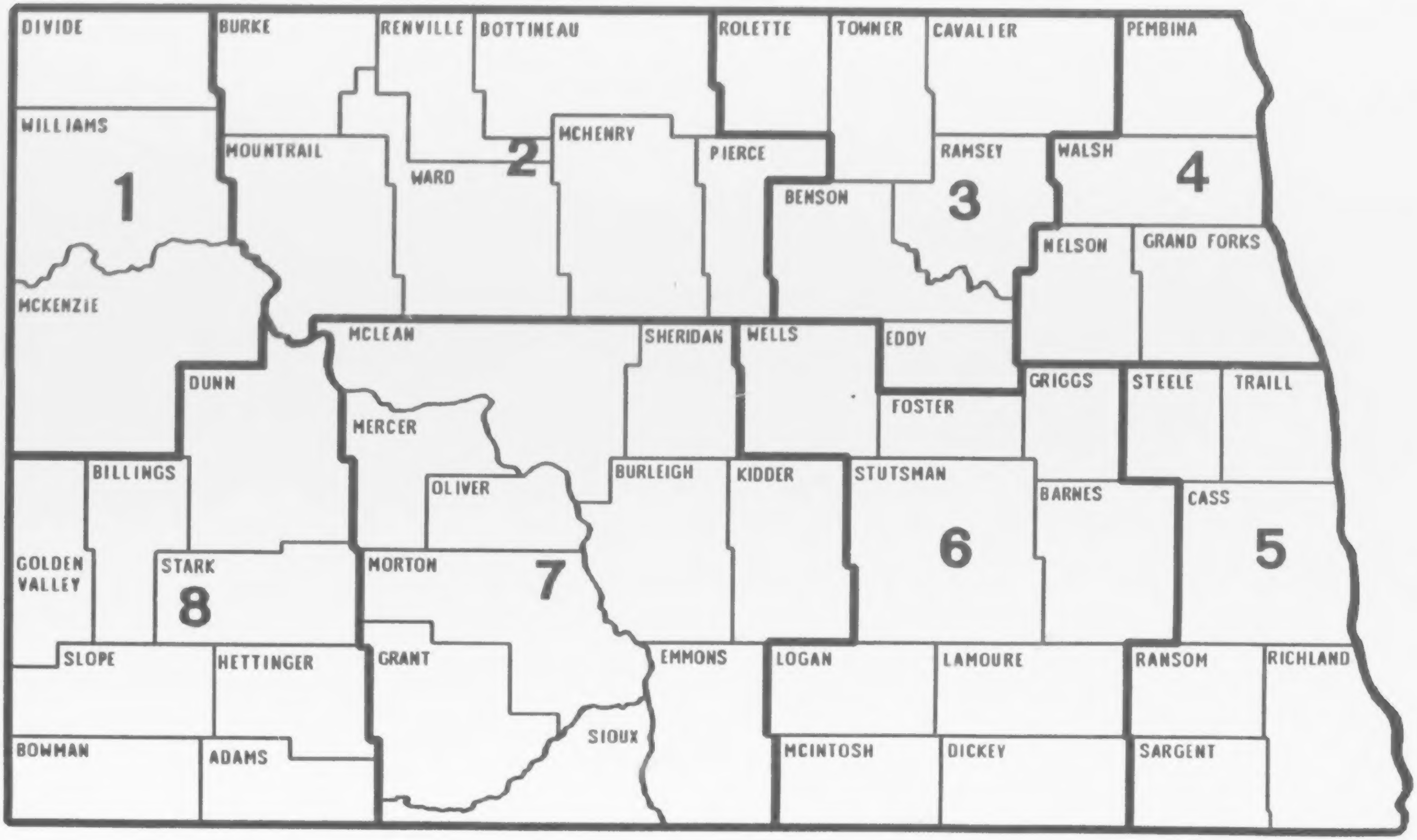
# The North Dakota Labor Market Advisor

## TYPES OF ADJUSTMENTS
### BASED ON CPI



# NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
WARD
2
MCHENRY
PIERCE
BENSON
RAMSEY
3
WALSH
4
1
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
DUNN
MERCER
FOSTER
GRIGGS
STEELE
TRAILL
BILLINGS
OLIVER
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
GOLDEN VALLEY
STARK
8
MORTON
7
6
5
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

# THE
# NORTH DAKOTA
# LABOR MARKET ADVISOR

June, 1991

**GEORGE A. SINNER, GOVERNOR**
**STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

**Micheal V. Deisz**
**Executive Director**

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Director
(701) 224-2868

# THE CONSUMER PRICE INDEX AND ITS USERS

Most people are familiar with the Consumer Price Index (CPI). This is the figure that hits the news every month. It is usually not the index itself that is publicized, but the **percentage** change, either from the previous month or the current month one year ago. To illustrate, the index for June 1991 was 136.0. This figure alone doesn't provide any real or meaningful information. However, using this index to compute a percentage change conveys a more specific meaning. When we indicate that the CPI is up 4.7% over June 1990, the average person has a better understanding of the movement of the costs for goods and services.

Even though most people are familiar with the term "Consumer Price Index," the majority would have a difficult time explaining how it works or just exactly what it does. The primary function of the CPI is to measure the costs of specific goods and services. The current costs are compared to the prices paid for the same market basket of goods and services during a base period. The current index has a base period of 1982-1984.

A market basket of goods and services consists of items purchased by the average consumer. The "basket" consists of products such as food, clothing, housing, transportation, medical care, and entertainment. Survey workers check the prices for numerous items within each major group in order to provide a sound basis for the index.

During the base period 1982-1984, this market basket was assigned an index of 100. Subsequent purchases, or pricing of the same items, is done each month. By June 1991, the index had reached 136.0. This simply means that the same market basket of goods and services in June 1991 cost $136 compared to $100 in the 1982-1984 base period.

While the CPI has a passing interest for the man on the street, its impact is significant to many users. To determine who uses the CPI and for what purpose, the Bureau of Labor Statistics (BLS) conducted a survey in 1989 among their primary users. The information was published by BLS in June, 1990. These were individuals or firms who received the information directly from BLS and are on BLS mailing lists. The survey excluded the secondary users who received the CPI information through radio, TV, newspapers, and other related sources.

The survey found that 29% of the users are involved in real estate. Manufacturing was a distant second with 10%. Other sectors using the data were agencies in state and local government, law offices, schools, firms in wholesale and retail trade, accounting firms, and a host of miscellaneous groups.

Over half of the individuals or firms who receive the data directly from BLS use the data on a monthly basis. The next question is: What use do these firms make of the CPI data? Not surprisingly, adjustments to wages and salaries led the list with over three-fourths of the respondents indicating this use. Other uses included: general indicator of inflation (46%), forecasting (28%), financial planning (26%), price trends for specific items (20%), and research (16%).

The major income sources to which the CPI adjustment was applied involved rent/lease payments, wages or salaries, contract payments, alimony or child support, and retirement payments. Using the CPI as an escalator in these areas can have a significant impact since the application usually has a multiplying effect. As an example, a lease for $500 per month, assuming a 5% increase in the CPI, adds $25 per month or $300 for the year. The next year, with the base at $525, the increase amounts to $26.25 per month or $315 for the 12-month period. By the 15th year, the lease payments will nearly double to $989 per month.

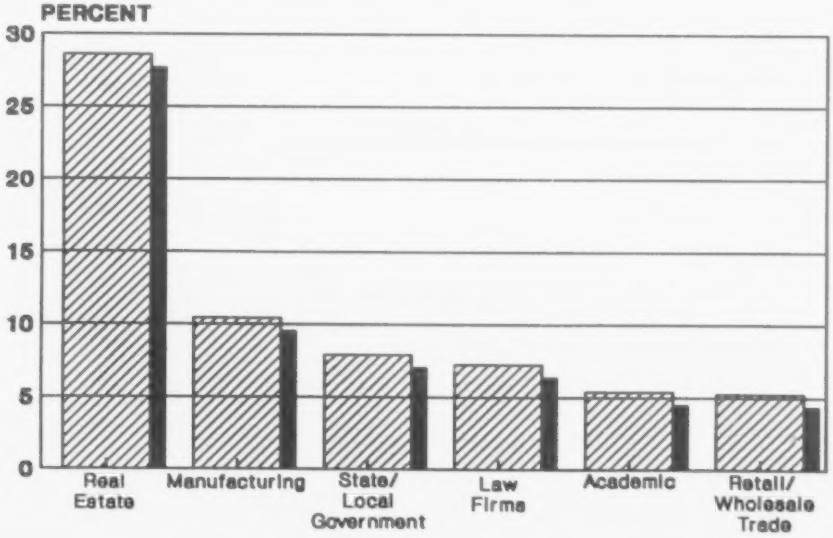
Without an inflation factor tied to a long-term contract, whether it be a property lease, child support, or related, the person receiving payment is going to be receiving far less **value** for each dollar actually received. Using the illustration in the above paragraph without an inflation factor, the person would continue to receive the $500 per month, but the 5% inflation per year would have **reduced** the purchasing power by the 15th year to approximately $250.

While this type of an escalator is important in business ventures such as leases, sale of property on a contract for deed, etc., it may be even more critical for an individual relying on an income from a single fixed source for daily necessities. If the recipient is a single person with children or a retiree relying on these payments for living expenses, the results of not having an escalator clause built into the contract could be devastating. A person who has worked through the prime of life and is now in retirement could face severe financial problems if the purchasing power of his/her income should continue to fall each month.

Remember the next time you see or read about the Consumer Price Index, the impact it has on the lives of others. For the average working person, it may mean daily living costs will be slightly higher. However, for thousands of others, it will mean a larger check in the mail. The increased income will permit them to retain their standard of living even as the purchasing power of the dollar continues to shrink due to inflation.

**Dale R. Dehlin**
**Research Analyst**

## TYPES OF ORGANIZATIONS
### USING CPI DATA



# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | June 1991 | May 1991 | May 1991 | June 1990 | June 1990 |
| **TOTAL NONAG** | 272,700 | 272,750 | 0.0% | 269,900 | 1.0% |
| GOODS PRODUCING | 34,450 | 33,050 | 4.2% | 33,450 | 3.0% |
| MINING | 4,800 | 4,600 | 4.3% | 4,450 | 7.9% |
| Coal | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| Crude Petroleum & Nat. Gas | 3,200 | 3,100 | 3.2% | 2,900 | 10.3% |
| Other Mining | 550 | 450 | 22.2% | 500 | 10.0% |
| CONSTRUCTION | 12,000 | 10,900 | 10.1% | 11,700 | 2.6% |
| Building Construction | 2,800 | 2,400 | 16.7% | 2,800 | 0.0% |
| Street, Highway & Heavy | 3,700 | 3,400 | 8.8% | 3,200 | 15.6% |
| Special Trade Construction | 5,500 | 5,100 | 7.8% | 5,700 | -3.5% |
| MANUFACTURING | 17,650 | 17,550 | 0.6% | 17,300 | 2.0% |
| **Durable Goods** | 9,300 | 9,300 | 0.0% | 9,200 | 1.1% |
| Fabricated Metals | 1,100 | 1,050 | 4.8% | 1,200 | -8.3% |
| Machinery, Electric & Trans. Equip | 5,700 | 5,700 | 0.0% | 5,450 | 4.6% |
| Machinery & Electrical Equipment | 4,100 | 4,100 | 0.0% | 3,900 | 5.1% |
| Transportation Equipment | 1,600 | 1,600 | 0.0% | 1,550 | 3.2% |
| Other Durable Goods | 2,500 | 2,550 | -2.0% | 2,550 | -2.0% |
| Lumber & Wood | 1,150 | 1,200 | -4.2% | 1,250 | -8.0% |
| Misc Durable Goods | 1,350 | 1,350 | 0.0% | 1,300 | 3.8% |
| **Nondurable Goods** | 8,350 | 8,250 | 1.2% | 8,100 | 3.1% |
| Food & Kindred Products | 4,200 | 4,200 | 0.0% | 4,000 | 5.0% |
| Dairy Products | 600 | 600 | 0.0% | 700 | -14.3% |
| Grain Mill & Bakery Products | 1,050 | 1,000 | 5.0% | 900 | 16.7% |
| Sugar & Confectionary | 650 | 650 | 0.0% | 600 | 8.3% |
| Other Foods | 1,900 | 1,950 | -2.6% | 1,800 | 5.6% |
| Paper Products & Printing & Publishing | 2,600 | 2,600 | 0.0% | 2,600 | 0.0% |
| Other Nondurable Goods | 1,550 | 1,450 | 6.9% | 1,500 | 3.3% |
| SERVICES PRODUCING | 238,250 | 239,700 | -0.6% | 236,450 | 0.8% |
| TRAN, COMM & UTILITIES | 17,100 | 17,100 | 0.0% | 17,300 | -1.2% |
| **Transportation** | 8,900 | 9,000 | -1.1% | 8,900 | 0.0% |
| Trucking & Warehousing | 5,000 | 5,000 | 0.0% | 5,100 | -2.0% |
| Other Transportation | 3,900 | 4,000 | -2.5% | 3,800 | 2.6% |
| Railroads | 1,950 | 1,900 | 2.6% | 1,900 | 2.6% |
| Local & Suburban Transportation | 650 | 850 | -23.5% | 700 | -7.1% |
| Water, Air & Pipeline | 1,300 | 1,250 | 4.0% | 1,200 | 8.3% |
| **Communications** | 3,500 | 3,500 | 0.0% | 3,500 | 0.0% |
| **Utilities** | 4,700 | 4,600 | 2.2% | 4,900 | -4.1% |
| WHOLESALE TRADE | 19,500 | 19,300 | 1.0% | 19,800 | -1.5% |
| Durable Goods | 9,100 | 8,900 | 2.2% | 9,200 | -1.1% |
| Nondurable Goods | 10,400 | 10,400 | 0.0% | 10,600 | -1.9% |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | June 1991 | May 1991 | May 1991 | June 1990 | June 1990 |
| RETAIL TRADE | 52,950 | 52,850 | 0.2% | 51,500 | 2.8% |
| Hardware & Garden | 2,500 | 2,500 | 0.0% | 2,500 | 0.0% |
| General Merchandise | 7,300 | 7,400 | -1.4% | 6,200 | 17.7% |
| Food Stores | 7,200 | 7,200 | 0.0% | 7,300 | -1.4% |
| Auto Dealers & Service Stations | 6,900 | 6,900 | 0.0% | 6,900 | 0.0% |
| Apparel & Accessory | 2,400 | 2,400 | 0.0% | 2,600 | -7.7% |
| Furniture Stores | 1,650 | 1,650 | 0.0% | 1,700 | -2.9% |
| Eating & Drinking Places | 19,100 | 18,900 | 1.1% | 18,700 | 2.1% |
| Misc Retail | 5,900 | 5,900 | 0.0% | 5,600 | 5.4% |
| FINANCE, INS & REAL ESTATE | 12,700 | 12,650 | 0.4% | 12,550 | 1.2% |
| **Finance** | 6,550 | 6,600 | -0.8% | 6,550 | 0.0% |
| Banking | 5,600 | 5,600 | 0.0% | 5,600 | 0.0% |
| Other Finance | 950 | 1,000 | -5.0% | 950 | 0.0% |
| **Insurance** | 4,150 | 4,100 | 1.2% | 4,100 | 1.2% |
| Insurance Underwriters | 2,600 | 2,600 | 0.0% | 2,600 | 0.0% |
| Insurance Agents & Brokers | 1,550 | 1,500 | 3.3% | 1,500 | 3.3% |
| **Real Estate** | 2,000 | 1,950 | 2.6% | 1,900 | 5.3% |
| SERVICES | 71,300 | 70,700 | 0.8% | 69,400 | 2.7% |
| **Lodging** | 4,600 | 4,600 | 0.0% | 4,500 | 2.2% |
| **Personal & Business** | 8,200 | 8,200 | 0.0% | 8,200 | 0.0% |
| Personal Services | 3,200 | 3,200 | 0.0% | 3,100 | 3.2% |
| Business Services | 5,000 | 5,000 | 0.0% | 5,100 | -2.0% |
| **Recreational Services** | 2,900 | 2,700 | 7.4% | 2,800 | 3.6% |
| **Health Services** | 29,900 | 29,500 | 1.4% | 28,900 | 3.5% |
| Nursing & Hospital | 21,900 | 21,600 | 1.4% | 21,100 | 3.8% |
| Other Health | 8,000 | 7,900 | 1.3% | 7,800 | 2.6% |
| **Educational Services** | 2,600 | 2,900 | -10.3% | 2,500 | 4.0% |
| **Social Services** | 7,200 | 7,100 | 1.4% | 6,600 | 9.1% |
| **Membership Organizations** | 8,300 | 8,300 | 0.0% | 8,100 | 2.5% |
| **Other Services** | 7,600 | 7,400 | 2.7% | 7,800 | -2.6% |
| Auto & Misc Repair | 2,300 | 2,300 | 0.0% | 2,400 | -4.2% |
| Legal Services | 1,500 | 1,500 | 0.0% | 1,500 | 0.0% |
| Misc Services | 3,800 | 3,600 | 5.6% | 3,900 | -2.6% |
| GOVERNMENT | 64,700 | 67,100 | -3.6% | 65,900 | -1.8% |
| **Federal** | 10,300 | 10,300 | 0.0% | 10,900 | -5.5% |
| **State & Local** | 54,400 | 56,800 | -4.2% | 55,000 | -1.1% |
| **State Government** | 19,200 | 20,600 | -6.8% | 18,700 | 2.7% |
| Educational Services | 11,600 | 13,300 | -12.8% | 11,400 | 1.8% |
| Other State Government | 7,600 | 7,300 | 4.1% | 7,300 | 4.1% |
| **Local Government** | 35,200 | 36,200 | -2.8% | 36,300 | -3.0% |
| Educational Services | 16,200 | 18,300 | -11.5% | 16,300 | -0.6% |
| Other Local Government | 19,000 | 17,900 | 6.1% | 20,000 | -5.0% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | June 1991 | May 1991 | May 1991 | June 1990 | June 1990 |
| **BISMARCK MSA** | | | | | |
| **TOTAL NONAG** | 42,150 | 41,800 | 0.8% | 40,800 | 3.3% |
| GOODS PRODUCING | 4,900 | 4,800 | 2.1% | 4,400 | 11.4% |
| MINING & CONSTRUCTION | 2,500 | 2,400 | 4.2% | 2,100 | 19.0% |
| MANUFACTURING | 2,400 | 2,400 | 0.0% | 2,300 | 4.3% |
| Durable Goods | 1,000 | 1,000 | 0.0% | 1,000 | 0.0% |
| Nondurable Goods | 1,400 | 1,400 | 0.0% | 1,300 | 7.7% |
| SERVICES PRODUCING | 37,250 | 37,000 | 0.7% | 36,400 | 2.3% |
| TRANS, COMM. & UTILITIES | 2,950 | 2,900 | 1.7% | 2,850 | 3.5% |
| Transportation | 1,250 | 1,250 | 0.0% | 1,200 | 4.2% |
| Communications & Utilities | 1,700 | 1,650 | 3.0% | 1,650 | 3.0% |
| WHOLESALE TRADE | 2,100 | 2,100 | 0.0% | 2,200 | -4.5% |
| RETAIL TRADE | 8,550 | 8,400 | 1.8% | 8,500 | 0.6% |
| General Merchandise & Apparel | 1,700 | 1,700 | 0.0% | 1,600 | 6.3% |
| Food Stores | 1,100 | 1,050 | 4.8% | 1,100 | 0.0% |
| Auto Dealers & Service Stations | 1,050 | 1,050 | 0.0% | 1,150 | -8.7% |
| Eating & Drinking Places | 2,900 | 2,800 | 3.6% | 3,000 | -3.3% |
| Other Retail | 1,800 | 1,800 | 0.0% | 1,650 | 9.1% |
| FINANCE, INS. & REAL ESTATE | 1,500 | 1,500 | 0.0% | 1,550 | -3.2% |
| SERVICES | 12,750 | 12,800 | -0.4% | 12,250 | 4.1% |
| Lodging | 1,000 | 1,000 | 0.0% | 950 | 5.3% |
| Personal & Business | 1,500 | 1,500 | 0.0% | 1,550 | -3.2% |
| Health Services | 5,500 | 5,400 | 1.9% | 5,100 | 7.8% |
| Educational Services | 500 | 650 | -23.1% | 450 | 11.1% |
| Social Services | 1,250 | 1,250 | 0.0% | 1,200 | 4.2% |
| Membership Organizations | 1,250 | 1,250 | 0.0% | 1,250 | 0.0% |
| Other Services | 1,750 | 1,750 | 0.0% | 1,750 | 0.0% |
| GOVERNMENT | 9,400 | 9,300 | 1.1% | 9,050 | 3.9% |
| Federal | 1,150 | 1,150 | 0.0% | 1,200 | -4.2% |
| State | 4,200 | 4,200 | 0.0% | 4,000 | 5.0% |
| State Education | 300 | 300 | 0.0% | 300 | 0.0% |
| Other State | 3,900 | 3,900 | 0.0% | 3,700 | 5.4% |
| Local | 4,050 | 3,950 | 2.5% | 3,850 | 5.2% |
| Local Education | 2,100 | 2,200 | -4.5% | 2,000 | 5.0% |
| Other Local | 1,950 | 1,750 | 11.4% | 1,850 | 5.4% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | June 1991 | May 1991 | May 1991 | June 1990 | June 1990 |
| **FARGO-MOORHEAD MSA** | | | | | |
| **TOTAL NONAG** | 79,900 | 80,700 | -1.0% | 77,800 | 2.7% |
| GOODS PRODUCING | 9,750 | 9,250 | 5.4% | 10,250 | -4.9% |
| MINING & CONSTRUCTION | 4,200 | 3,800 | 10.5% | 4,400 | -4.5% |
| Special Trade | 2,200 | 2,000 | 10.0% | 2,300 | -4.3% |
| Other Mining & Construction | 2,000 | 1,800 | 11.1% | 2,100 | -4.8% |
| MANUFACTURING | 5,550 | 5,450 | 1.8% | 5,850 | -5.1% |
| Durable Goods | 2,800 | 2,750 | 1.8% | 3,050 | -8.2% |
| Fabricated Metals & Machinery | 1,550 | 1,450 | 6.9% | 1,550 | 0.0% |
| Other Durable Goods | 1,250 | 1,300 | -3.8% | 1,500 | -16.7% |
| Nondurable Goods | 2,750 | 2,700 | 1.9% | 2,800 | -1.8% |
| Food & Kindred | 1,700 | 1,650 | 3.0% | 1,750 | -2.9% |
| Other Nondurable Goods | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| SERVICES PRODUCING | 70,150 | 71,450 | -1.8% | 67,550 | 3.8% |
| TRANS, COMM & UTILITIES | 4,850 | 4,800 | 1.0% | 4,750 | 2.1% |
| Trucking & Warehousing | 2,300 | 2,300 | 0.0% | 2,200 | 4.5% |
| Other Transportation | 900 | 950 | -5.3% | 950 | -5.3% |
| Communications & Utilities | 1,650 | 1,550 | 6.5% | 1,600 | 3.1% |
| WHOLESALE TRADE | 6,900 | 6,900 | 0.0% | 7,000 | -1.4% |
| Durable Goods | 3,800 | 3,800 | 0.0% | 4,000 | -5.0% |
| Nondurable Goods | 3,100 | 3,100 | 0.0% | 3,000 | 3.3% |
| RETAIL TRADE | 16,400 | 16,600 | -1.2% | 15,550 | 5.5% |
| General Merchandise & Apparel | 3,200 | 3,300 | -3.0% | 2,800 | 14.3% |
| Food Stores | 2,100 | 2,100 | 0.0% | 2,100 | 0.0% |
| Auto Dealers & Service Stations | 2,000 | 2,000 | 0.0% | 1,950 | 2.6% |
| Eating & Drinking Places | 6,200 | 6,300 | -1.6% | 5,900 | 5.1% |
| Other Retail | 2,900 | 2,900 | 0.0% | 2,800 | 3.6% |
| FINANCE, INS & REAL ESTATE | 4,750 | 4,700 | 1.1% | 4,600 | 3.3% |
| Finance | 2,000 | 2,000 | 0.0% | 2,000 | 0.0% |
| Insurance Carriers | 1,600 | 1,600 | 0.0% | 1,500 | 6.7% |
| Other Insurance & Real Estate | 1,150 | 1,100 | 4.5% | 1,100 | 4.5% |
| SERVICES | 22,250 | 22,900 | -2.8% | 21,300 | 4.5% |
| Lodging | 1,400 | 1,450 | -3.4% | 1,350 | 3.7% |
| Personal & Business | 3,800 | 3,800 | 0.0% | 3,600 | 5.6% |
| Recreation & Amusement | 1,100 | 1,050 | 4.8% | 950 | 15.8% |
| Health Services | 8,400 | 8,300 | 1.2% | 8,000 | 5.0% |
| Educational Services | 1,350 | 2,200 | -38.6% | 1,400 | -3.6% |
| Social Services | 1,850 | 1,850 | 0.0% | 1,650 | 12.1% |
| Membership Organizations | 1,550 | 1,550 | 0.0% | 1,550 | 0.0% |
| Other Services | 2,800 | 2,700 | 3.7% | 2,800 | 0.0% |
| GOVERNMENT | 15,000 | 15,550 | -3.5% | 14,350 | 4.5% |
| Federal | 2,300 | 2,300 | 0.0% | 2,400 | -4.2% |
| State | 5,700 | 6,350 | -10.2% | 5,350 | 6.5% |
| State Education | 5,100 | 5,800 | -12.1% | 4,800 | 6.3% |
| Other State | 600 | 550 | 9.1% | 550 | 9.1% |
| Local | 7,000 | 6,900 | 1.4% | 6,600 | 6.1% |
| Local Education | 4,000 | 4,300 | -7.0% | 3,700 | 8.1% |
| Other Local | 3,000 | 2,600 | 15.4% | 2,900 | 3.4% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | June 1991 | May 1991 | May 1991 | June 1990 | June 1990 |
| **GRAND FORKS MSA** | | | | | |
| **TOTAL NONAG** | 31,250 | 32,650 | -4.3% | 30,750 | 1.6% |
| GOODS PRODUCING | 2,950 | 2,850 | 3.5% | 2,950 | 0.0% |
| MINING & CONSTRUCTION | 1,250 | 1,100 | 13.6% | 1,450 | -13.8% |
| MANUFACTURING | 1,700 | 1,750 | -2.9% | 1,500 | 13.3% |
| Durable Goods | 650 | 700 | -7.1% | 550 | 18.2% |
| Nondurable Goods | 1,050 | 1,050 | 0.0% | 950 | 10.5% |
| SERVICES PRODUCING | 28,300 | 29,800 | -5.0% | 27,800 | 1.8% |
| TRANS, COMM. & UTILITIES | 1,750 | 1,800 | -2.8% | 1,700 | 2.9% |
| Transportation | 1,050 | 1,100 | -4.5% | 1,000 | 5.0% |
| Communications & Utilities | 700 | 700 | 0.0% | 700 | 0.0% |
| WHOLESALE TRADE | 1,550 | 1,550 | 0.0% | 1,600 | -3.1% |
| RETAIL TRADE | 7,650 | 7,700 | -0.6% | 7,550 | 1.3% |
| General Merchandise & Apparel | 1,950 | 2,000 | -2.5% | 1,850 | 5.4% |
| Eating & Drinking Places | 2,900 | 2,900 | 0.0% | 2,800 | 3.6% |
| Other Retail | 2,800 | 2,800 | 0.0% | 2,900 | -3.4% |
| FINANCE, INS. & REAL ESTATE | 1,100 | 1,100 | 0.0% | 1,100 | 0.0% |
| SERVICES | 7,650 | 7,650 | 0.0% | 7,050 | 8.5% |
| Personal & Business | 1,050 | 1,050 | 0.0% | 950 | 10.5% |
| Health Services | 3,000 | 3,000 | 0.0% | 2,800 | 7.1% |
| Other Services | 3,600 | 3,600 | 0.0% | 3,300 | 9.1% |
| GOVERNMENT | 8,600 | 10,000 | -14.0% | 8,800 | -2.3% |
| Federal | 1,550 | 1,550 | 0.0% | 1,600 | -3.1% |
| State | 4,600 | 5,900 | -22.0% | 4,500 | 2.2% |
| State Education | 4,100 | 5,400 | -24.1% | 4,000 | 2.5% |
| Other State | 500 | 500 | 0.0% | 500 | 0.0% |
| Local | 2,450 | 2,550 | -3.9% | 2,700 | -9.3% |
| Local Education | 1,150 | 1,400 | -17.9% | 1,350 | -14.8% |
| Other Local | 1,300 | 1,150 | 13.0% | 1,350 | -3.7% |

# UNITED STATES

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| *INDUSTRY* | JUN 1991 | MAY 1991 | JUN 1990 | JUN 1991 | MAY 1991 | JUN 1990 | JUN 1991 | MAY 1991 | JUN 1990 |
| MANUFACTURING | 458.49 | 449.35 | 445.94 | 40.9 | 40.3 | 41.1 | 11.21 | 11.15 | 10.85 |
| Durable Goods | 489.29 | 476.19 | 474.13 | 41.5 | 40.7 | 41.7 | 11.79 | 11.70 | 11.37 |
| Nondurable Goods | 420.09 | 414.72 | 407.84 | 40.2 | 39.8 | 40.3 | 10.45 | 10.42 | 10.12 |

# NORTH DAKOTA

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| *INDUSTRY* | JUN 1991 | MAY 1991 | JUN 1990 | JUN 1991 | MAY 1991 | JUN 1990 | JUN 1991 | MAY 1991 | JUN 1990 |
| MANUFACTURING | 366.62 | 366.40 | 359.07 | 40.2 | 40.0 | 40.3 | 9.12 | 9.16 | 8.91 |
| Durable Goods | 389.99 | 385.56 | 379.20 | 41.4 | 40.8 | 41.9 | 9.42 | 9.45 | 9.05 |
| Nondurable Goods | 338.63 | 341.93 | 332.72 | 38.7 | 38.9 | 38.2 | 8.75 | 8.79 | 8.71 |
| Food & Kindred | 343.00 | 343.20 | 332.29 | 40.4 | 40.0 | 39.7 | 8.49 | 8.58 | 8.37 |

# FARGO-MOORHEAD MSA

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| *INDUSTRY* | JUN 1991 | MAY 1991 | JUN 1990 | JUN 1991 | MAY 1991 | JUN 1990 | JUN 1991 | MAY 1991 | JUN 1990 |
| MANUFACTURING | 343.88 | 346.03 | 335.51 | 37.5 | 37.9 | 38.3 | 9.17 | 9.13 | 8.76 |
| Durable Goods | 359.90 | 345.59 | 342.79 | 39.9 | 38.7 | 41.3 | 9.02 | 8.93 | 8.30 |
| Nondurable Goods | 326.90 | 346.32 | 327.71 | 35.0 | 37.0 | 34.9 | 9.34 | 9.36 | 9.39 |

# LABOR FORCE

## NORTH DAKOTA AND MSA'S

| Benchmark 90/1 | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | JUN 1991 | MAY 1991 | MAY 1991 | JUN 1990 | JUN 1990 |
| **UNITED STATES** | | | | | |
| **(In Thousands)** | | | | | |
| Labor Force | 125,629 | 126,689 | -0.8% | 126,466 | -0.7% |
| Employment | 116,884 | 118,049 | -1.0% | 120,019 | -2.6% |
| Unemployment | 8,745 | 8,640 | 1.2% | 6,447 | 35.6% |
| Unemployment Rate | 7.0% | 6.8% | xxx | 5.1% | xxx |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 328,820 | 321,850 | 2.2% | 333,410 | -1.4% |
| Employment | 315,160 | 308,340 | 2.2% | 320,470 | -1.7% |
| Unemployment | 13,660 | 13,510 | 1.1% | 12,940 | 5.6% |
| Unemployment Rate | 4.2% | 4.2% | xxx | 3.9% | xxx |
| **BISMARCK MSA** | | | | | |
| Labor Force | 48,920 | 47,340 | 3.3% | 48,330 | 1.2% |
| Employment | 47,070 | 45,530 | 3.4% | 46,520 | 1.2% |
| Unemployment | 1,850 | 1,810 | 2.2% | 1,810 | 2.2% |
| Unemployment Rate | 3.8% | 3.8% | xxx | 3.7% | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 90,030 | 89,780 | 0.3% | 88,500 | 1.7% |
| Employment | 87,390 | 86,830 | 0.6% | 86,280 | 1.3% |
| Unemployment | 2,640 | 2,950 | -10.5% | 2,220 | 18.9% |
| Unemployment Rate | 2.9% | 3.3% | xxx | 2.5% | xxx |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 35,260 | 35,840 | -1.6% | 35,480 | -0.6% |
| Employment | 34,010 | 34,500 | -1.4% | 34,030 | -0.1% |
| Unemployment | 1,250 | 1,340 | -6.7% | 1,450 | -13.8% |
| Unemployment Rate | 3.6% | 3.7% | xxx | 4.1% | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Bismarck Metropolitan Statistical Area (MSA) includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.
The Grand Forks MSA includes Grand Forks County.

## BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
MAY 1991

| | NORTH DAKOTA | MINNESOTA | SOUTH DAKOTA | MONTANA |
|---|---|---|---|---|
| **Labor Force** | 321.8 | 2,467.3 | 364.3 | 405.5 |
| **Employment** | 308.3 | 2,330.9 | 352.1 | 379.6 |
| **Unemployment** | 13.5 | 136.4 | 12.2 | 25.9 |
| **Unemployment Rate** | 4.2% | 5.5% | 3.4% | 6.4% |

# U. S. CONSUMER PRICE INDEX

## ALL URBAN CONSUMERS

(1982-84 = 100)

| ITEM | ANNUAL AVERAGE 1990 | JUN 1991 | MAY 1991 | Percent Change From MAY 1991 | JUN 1990 | Percent Change From JUN 1990 |
|---|---|---|---|---|---|---|
| All Items | 130.7 | 136.0 | 135.6 | 0.3% | 129.9 | 4.7% |
| Food & Beverage | 132.1 | 137.7 | 137.3 | 0.3% | 131.7 | 4.6% |
| Housing | 128.5 | 133.4 | 132.8 | 0.5% | 128.3 | 4.0% |
| Apparel & Upkeep | 124.1 | 126.9 | 129.4 | -1.9% | 123.3 | 2.9% |
| Transportation | 120.5 | 123.7 | 123.3 | 0.3% | 118.2 | 4.7% |
| Medical Care | 162.8 | 176.2 | 175.2 | 0.6% | 161.9 | 8.8% |
| Entertainment | 132.4 | 138.1 | 137.8 | 0.2% | 131.9 | 4.7% |
| All Other | 159.0 | 170.0 | 169.1 | 0.5% | 157.8 | 7.7% |

# PRODUCER PRICE INDEX

## UNITED STATES AVERAGE

| ITEM | ANNUAL AVERAGE 1990 | JUN 1991 | MAY 1991 | Percent Change From MAY 1991 | JUN 1990 | Percent Change From JUN 1990 |
|---|---|---|---|---|---|---|
| All Commodities | 116.3 | 116.3 | 116.5 | -0.2% | 114.3 | 1.7% |
| Farm Products & Processed Foods and Feeds | 118.6 | 117.7 | 118.5 | -0.7% | 119.6 | -1.6% |
| Industrial Commodities | 115.8 | 116.0 | 116.1 | -0.1% | 113.2 | 2.5% |

# LABOR FORCE - BY COUNTY - BY REGION

| Benchmark 90/1 | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | JUN'91 | MAY'91 | JUN'90 | JUN'91 | MAY'91 | JUN'90 | JUN'91 | MAY'91 | JUN'90 | JUN'91 | MAY'91 | JUN'90 |
| Divide | 1,340 | 1,305 | 1,442 | 1,305 | 1,268 | 1,421 | 35 | 37 | 21 | 2.6% | 2.8% | 1.5% |
| McKenzie | 2,486 | 2,532 | 2,780 | 2,361 | 2,393 | 2,685 | 125 | 139 | 95 | 5.0% | 5.5% | 3.4% |
| Williams | 11,194 | 10,767 | 11,403 | 10,750 | 10,208 | 11,005 | 444 | 559 | 398 | 4.0% | 5.2% | 3.5% |
| REGION 1 | 15,020 | 14,604 | 15,625 | 14,416 | 13,869 | 15,111 | 604 | 735 | 514 | 4.0% | 5.0% | 3.3% |
| Bottineau | 3,233 | 3,074 | 3,511 | 3,119 | 2,930 | 3,348 | 114 | 144 | 163 | 3.5% | 4.7% | 4.6% |
| Burke | 1,260 | 1,255 | 1,303 | 1,186 | 1,186 | 1,259 | 74 | 69 | 44 | 5.9% | 5.5% | 3.4% |
| McHenry | 2,355 | 2,404 | 2,570 | 2,171 | 2,192 | 2,326 | 184 | 212 | 244 | 7.8% | 8.8% | 9.5% |
| Mountrail | 3,326 | 3,149 | 3,350 | 3,068 | 2,915 | 3,156 | 258 | 234 | 194 | 7.8% | 7.4% | 5.8% |
| Pierce | 2,414 | 2,271 | 2,574 | 2,343 | 2,207 | 2,512 | 71 | 64 | 62 | 2.9% | 2.8% | 2.4% |
| Renville | 1,143 | 1,161 | 1,195 | 1,081 | 1,108 | 1,144 | 62 | 53 | 51 | 5.4% | 4.6% | 4.3% |
| Ward | 26,249 | 25,494 | 26,431 | 25,220 | 24,358 | 25,422 | 1,029 | 1,136 | 1,009 | 3.9% | 4.5% | 3.8% |
| REGION 2 | 39,980 | 38,808 | 40,934 | 38,188 | 36,896 | 39,167 | 1,792 | 1,912 | 1,767 | 4.5% | 4.9% | 4.3% |
| Benson | 2,789 | 2,783 | 3,056 | 2,531 | 2,536 | 2,753 | 258 | 247 | 303 | 9.3% | 8.9% | 9.9% |
| Cavalier | 2,459 | 2,414 | 2,628 | 2,356 | 2,297 | 2,509 | 103 | 117 | 119 | 4.2% | 4.8% | 4.5% |
| Eddy | 1,356 | 1,341 | 1,482 | 1,259 | 1,211 | 1,381 | 97 | 130 | 101 | 7.2% | 9.7% | 6.8% |
| Ramsey | 6,604 | 6,433 | 6,747 | 6,391 | 6,244 | 6,538 | 213 | 189 | 209 | 3.2% | 2.9% | 3.1% |
| Rolette | 4,118 | 4,187 | 4,474 | 3,285 | 3,618 | 3,533 | 833 | 569 | 941 | 20.2% | 13.6% | 21.0% |
| Towner | 1,720 | 1,704 | 1,776 | 1,659 | 1,651 | 1,735 | 61 | 53 | 41 | 3.5% | 3.1% | 2.3% |
| REGION 3 | 19,046 | 18,862 | 20,163 | 17,481 | 17,557 | 18,449 | 1,565 | 1,305 | 1,714 | 8.2% | 6.9% | 8.5% |
| Grand Forks | 35,262 | 35,837 | 35,478 | 34,010 | 34,502 | 34,032 | 1,252 | 1,335 | 1,446 | 3.6% | 3.7% | 4.1% |
| Nelson | 1,834 | 1,748 | 1,942 | 1,770 | 1,689 | 1,881 | 64 | 59 | 61 | 3.5% | 3.4% | 3.1% |
| Pembina | 4,902 | 4,854 | 5,279 | 4,591 | 4,492 | 4,871 | 311 | 362 | 408 | 6.3% | 7.5% | 7.7% |
| Walsh | 7,608 | 7,351 | 7,898 | 7,292 | 7,050 | 7,524 | 316 | 301 | 374 | 4.2% | 4.1% | 4.7% |
| REGION 4 | 49,606 | 49,790 | 50,597 | 47,663 | 47,733 | 48,308 | 1,943 | 2,057 | 2,289 | 3.9% | 4.1% | 4.5% |
| Cass | 63,483 | 62,857 | 62,638 | 61,847 | 61,197 | 61,373 | 1,636 | 1,660 | 1,265 | 2.6% | 2.6% | 2.0% |
| Ransom | 2,642 | 2,541 | 2,775 | 2,590 | 2,495 | 2,704 | 52 | 46 | 71 | 2.0% | 1.8% | 2.6% |
| Richland | 8,972 | 8,409 | 8,835 | 8,319 | 8,031 | 8,470 | 653 | 378 | 365 | 7.3% | 4.5% | 4.1% |
| Sargent | 2,871 | 2,748 | 2,880 | 2,818 | 2,687 | 2,841 | 53 | 61 | 39 | 1.8% | 2.2% | 1.4% |
| Steele | 1,059 | 1,013 | 1,158 | 1,044 | 986 | 1,126 | 15 | 27 | 32 | 1.4% | 2.7% | 2.8% |
| Traill | 4,020 | 3,959 | 4,278 | 3,836 | 3,749 | 4,113 | 184 | 210 | 165 | 4.6% | 5.3% | 3.9% |
| REGION 5 | 83,047 | 81,527 | 82,564 | 80,454 | 79,145 | 80,627 | 2,593 | 2,382 | 1,937 | 3.1% | 2.9% | 2.3% |

# LABOR FORCE - BY COUNTY - BY REGION

| Benchmark 90/1 | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | JUN'91 | MAY'91 | JUN'90 | JUN'91 | MAY'91 | JUN'90 | JUN'91 | MAY'91 | JUN'90 | JUN'91 | MAY'91 | JUN'90 |
| Barnes | 5,832 | 5,574 | 5,926 | 5,641 | 5,377 | 5,775 | 191 | 197 | 151 | 3.3% | 3.5% | 2.5% |
| Dickey | 3,019 | 2,936 | 3,119 | 2,934 | 2,837 | 3,063 | 85 | 99 | 56 | 2.8% | 3.4% | 1.8% |
| Foster | 2,109 | 2,097 | 2,216 | 2,053 | 2,025 | 2,149 | 56 | 72 | 67 | 2.7% | 3.4% | 3.0% |
| Griggs | 1,431 | 1,422 | 1,568 | 1,391 | 1,385 | 1,527 | 40 | 37 | 41 | 2.8% | 2.6% | 2.6% |
| La Moure | 2,188 | 2,203 | 2,320 | 2,142 | 2,147 | 2,266 | 46 | 56 | 54 | 2.1% | 2.5% | 2.3% |
| Logan | 1,406 | 1,373 | 1,506 | 1,356 | 1,331 | 1,456 | 50 | 42 | 50 | 3.6% | 3.1% | 3.3% |
| McIntosh | 2,132 | 2,106 | 2,261 | 2,088 | 2,061 | 2,232 | 44 | 45 | 29 | 2.1% | 2.1% | 1.3% |
| Stutsman | 11,173 | 11,128 | 11,776 | 10,799 | 10,620 | 11,396 | 374 | 508 | 380 | 3.3% | 4.6% | 3.2% |
| Wells | 2,701 | 2,629 | 2,818 | 2,548 | 2,454 | 2,674 | 153 | 175 | 144 | 5.7% | 6.7% | 5.1% |
| REGION 6 | 31,991 | 31,468 | 33,510 | 30,952 | 30,237 | 32,538 | 1,039 | 1,231 | 972 | 3.2% | 3.9% | 2.9% |
| Burleigh | 35,854 | 34,716 | 35,321 | 34,544 | 33,413 | 34,134 | 1,310 | 1,303 | 1,187 | 3.7% | 3.8% | 3.4% |
| Emmons | 2,116 | 2,094 | 2,223 | 2,048 | 2,001 | 2,150 | 68 | 93 | 73 | 3.2% | 4.4% | 3.3% |
| Grant | 1,772 | 1,695 | 1,880 | 1,670 | 1,615 | 1,816 | 102 | 80 | 64 | 5.8% | 4.7% | 3.4% |
| Kidder | 1,490 | 1,475 | 1,598 | 1,408 | 1,366 | 1,488 | 82 | 109 | 110 | 5.5% | 7.4% | 6.9% |
| McLean | 4,486 | 4,467 | 4,505 | 4,231 | 4,241 | 4,280 | 255 | 226 | 225 | 5.7% | 5.1% | 5.0% |
| Mercer | 5,827 | 5,563 | 5,811 | 5,415 | 5,207 | 5,471 | 412 | 356 | 340 | 7.1% | 6.4% | 5.9% |
| Morton | 13,073 | 12,630 | 13,003 | 12,530 | 12,120 | 12,382 | 543 | 510 | 621 | 4.2% | 4.0% | 4.8% |
| Oliver | 1,143 | 1,060 | 1,143 | 1,090 | 1,030 | 1,102 | 53 | 30 | 41 | 4.6% | 2.8% | 3.6% |
| Sheridan | 1,127 | 1,075 | 1,196 | 1,083 | 1,019 | 1,160 | 44 | 56 | 36 | 3.9% | 5.2% | 3.0% |
| Sioux | 1,312 | 1,163 | 1,250 | 844 | 1,004 | 876 | 468 | 159 | 374 | 35.7% | 13.7% | 29.9% |
| REGION 7 | 68,200 | 65,938 | 67,930 | 64,863 | 63,016 | 64,859 | 3,337 | 2,922 | 3,071 | 4.9% | 4.4% | 4.5% |
| Adams | 1,768 | 1,690 | 1,769 | 1,739 | 1,655 | 1,739 | 29 | 35 | 30 | 1.6% | 2.1% | 1.7% |
| Billings | 1,257 | 877 | 1,163 | 1,230 | 848 | 1,143 | 27 | 29 | 20 | 2.1% | 3.3% | 1.7% |
| Bowman | 2,174 | 2,043 | 2,192 | 2,118 | 1,984 | 2,165 | 56 | 59 | 27 | 2.6% | 2.9% | 1.2% |
| Dunn | 1,648 | 1,636 | 1,781 | 1,546 | 1,548 | 1,680 | 102 | 88 | 101 | 6.2% | 5.4% | 5.7% |
| Gldn Valley | 992 | 1,036 | 1,006 | 946 | 982 | 995 | 46 | 54 | 11 | 4.6% | 5.2% | 1.1% |
| Hettinger | 1,636 | 1,649 | 1,820 | 1,604 | 1,603 | 1,743 | 32 | 46 | 77 | 2.0% | 2.8% | 4.2% |
| Slope | 445 | 441 | 474 | 421 | 407 | 450 | 24 | 34 | 24 | 5.4% | 7.7% | 5.1% |
| Stark | 12,013 | 11,481 | 11,884 | 11,540 | 10,862 | 11,494 | 473 | 619 | 390 | 3.9% | 5.4% | 3.3% |
| REGION 8 | 21,933 | 20,853 | 22,089 | 21,144 | 19,889 | 21,409 | 789 | 964 | 680 | 3.6% | 4.6% | 3.1% |
| **STATE TOTALS** | 328,825 | 321,854 | 333,411 | 315,161 | 308,344 | 320,469 | 13,664 | 13,510 | 12,942 | 4.2% | 4.2% | 3.9% |

## DEFINITIONS

**EMPLOYED:** A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE:** The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX:** A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
301 South College Drive
Phone: 662- 2181

DICKINSON
66 Osborn Drive
Phone: 227-2361

FARGO
1350 32nd Street South
Phone: 239-7100

NDSU-FARGO
Career Services
211 Ceres Hall
Phone: 237-7111

FORT TOTTEN
Tribal Building
Phone: 766-4221, Ext. 45

FORT YATES
Job Service Building
Phone: 854-7463

GRAFTON
927 12th St. West
Phone: 352-4450

GRAND FORKS
2016 South Washington
Phone: 777-3711

UND-GRAND FORKS
McCannel Hall- Room 141
Phone: 777-3904

HARVEY
119 9th St. West
Phone: 324-4552

HETTINGER
606 2nd Avenue North
Phone: 567-2156

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

MANDAN
501 1st Street Northwest
Phone: 663-6461

MINOT
3416 North Broadway
Phone: 857-7650

NEW TOWN
Tribal Administration Building
Phone: 627-4390

OAKES
517 Main Ave.
PHONE: 742-2546

ROLLA
103 East Main
Phone: 477-5631

VALLEY CITY
2425 West Main
Phone: 845-7261

WAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 774-4370

S6140-4

July, 1991

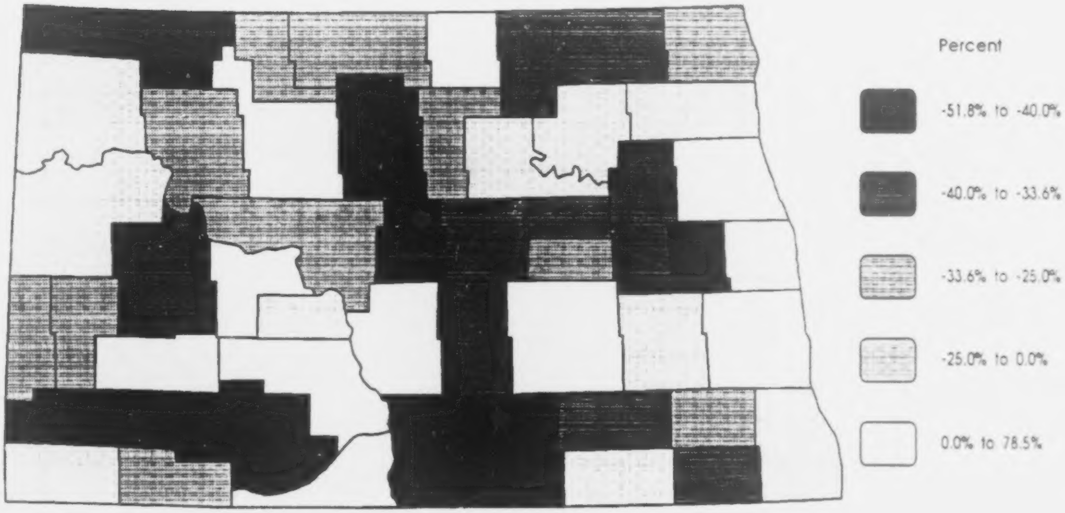
Volume 7, Number 7

JOB
SERVICE
North Dakota

# The North Dakota Labor Market Advisor

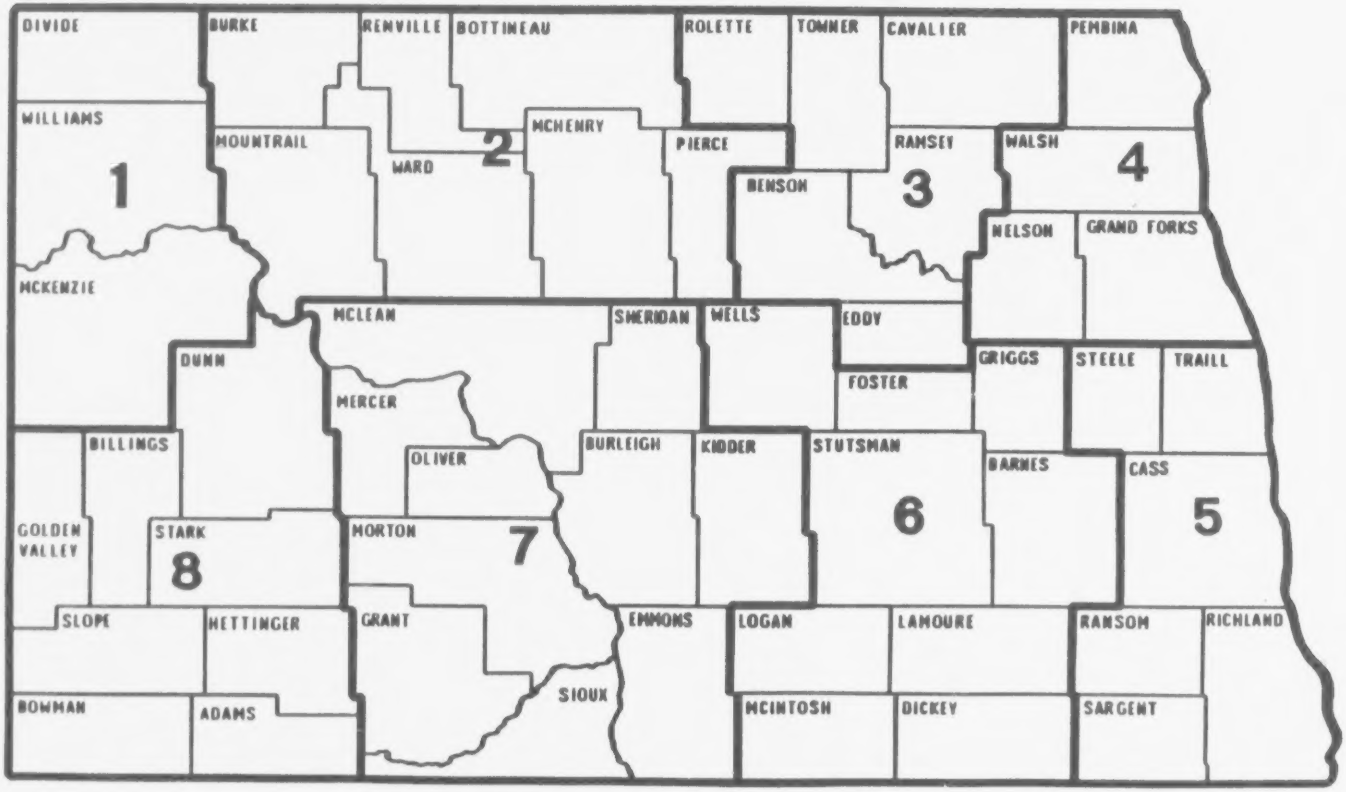
PERCENT CHANGE IN COUNTY POPULATION

1960 TO 1990


Percent
-51.8% to -40.0%
-40.0% to -33.6%
-33.6% to -25.0%
-25.0% to 0.0%
0.0% to 78.5%

# NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.



DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
WARD
2
MCHENRY
PIERCE
RAMSEY
WALSH
4
1
BENSON
3
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
GRIGGS
STEELE
TRAILL
DUNN
MERCER
FOSTER
BILLINGS
OLIVER
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
GOLDEN VALLEY
STARK
8
MORTON
7
6
5
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

# THE
# NORTH DAKOTA
# LABOR MARKET ADVISOR

July, 1991

**GEORGE A. SINNER, GOVERNOR**
**STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

**Micheal V. Deisz**
**Executive Director**

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Director
(701) 224-2868

# NORTH DAKOTA POPULATION TRENDS

North Dakota's population peaked in 1930 with 680,845 people, 42,045 more than the 1990 census revealed. From 1930 to 1970, the state had lost more than 63,000 people, bottoming out at 617,761. Subsequently, the coal and oil industries played a significant role in bringing people back, and by 1980, the state's population had risen to 652,717 (an increase of 34,956 in just ten years). This increase, however, was only temporary, and by the 1990 census, the state was back down to 638,800 (a loss of 13,917).

For the purpose of this study, data from the last four census counts (1960, 1970, 1980, and 1990) will be examined. From 1960 to 1990, the state had an actual increase of 1.8 percent or 11,591 (627,209 to 638,800). Within the state, a number of population changes have occurred that present important ramifications to North Dakota's future.

By using the 1990 census data, North Dakota is reported to have 367 incorporated towns or cities within its borders. Based on data from old maps and listings, it was determined that the state originally had 893 towns. The current 367 figure represents a decline of almost 59 percent. Between 1960 and 1990, 150 of these towns have lost population in each and every census. This amounts to almost 41 percent of our towns continually decreasing. The average loss per town during this 30-year period was 154 people, a 38 percent decrease per town. Another 146 towns have lost population between 1960 and 1990, even though intermediate censuses may have shown temporary increases. Altogether, 296 towns have lost population since 1960, amounting to almost 81 percent of our towns and cities.

In comparison, only 18 towns have gained population in each and every census since 1960, and another 53 have gained overall since 1960, resulting in 19 percent of the towns having growth. Dividing the state by planning regions, with Regions I, II, VII, and VIII being considered the western half and Regions III, IV, V, and VI being the eastern half, some interesting details appear. Nearly 68 percent (48) of the growth towns are positioned in the eastern half of the state, while 32 percent (23) are in the western half. Thirty-three (47 percent) of the towns are located in the Red River Valley in counties bordering Minnesota. Cass County leads the state in a couple of categories: having the most number of towns showing growth (18), and the creation of the most "new" towns in North Dakota (8). The next counties to have a number of growth towns are Grand Forks and Richland with 5 each.

The Eighteen Consistent Gainers

| | 1960 | 1990 | % Growth |
|---|---|---|---|
| 1. Beulah | 1,318 | 3,363 | 155.2% |
| 2. Bismarck | 27,670 | 49,256 | 78.0% |
| 3. Davenport | 143 | 218 | 52.4% |
| 4. Des Lacs | 185 | 216 | 16.8% |
| 5. Devils Lake | 6,299 | 7,782 | 23.5% |
| 6. Dickinson | 9,971 | 16,097 | 61.4% |
| 7. Fargo | 46,662 | 74,111 | 58.8% |
| 8. Grand Forks | 34,451 | 49,425 | 43.5% |
| 9. Grandin | 147 | 213 | 44.9% |
| 10. Hazen | 1,222 | 2,818 | 130.6% |
| 11. Horace | 178 | 662 | 271.9% |
| 12. Mapleton | 180 | 682 | 278.9% |
| 13. Minot | 30,604 | 34,544 | 12.9% |
| 14. Munich | 213 | 310 | 45.5% |
| 15. Pick City | 101 | 203 | 101.0% |
| 16. South Heart | 0 | 132 | n/c* |
| 17. Thompson | 290 | 930 | 220.7% |
| 18. West Fargo | 3,328 | 12,287 | 269.2% |

* Percent growth cannot be calculated when the original base is 0.

The eastern half of North Dakota has 208 incorporated towns, while the western half has 159. On average, each county has 7 towns. Cass County has the most number of towns with 27, while Billings and Oliver Counties have the fewest with 1 incorporated town each. Calculating the percent of towns that had growth from the total towns available, shows that the east had 23 percent of its towns grow, while the west had 15 percent.

Using a definition that all people living in any size community are called town dwellers, and that those who do not live in a town are called country dwellers, one notices that between 1960 and 1990, the number of town dwellers has risen from 377,738 (60 percent of the state's population) to 449,668 (70 percent of the state's population). This is a numerical increase of 71,930 during the 30-year period (a 19 percent increase). Country dwellers, on the other hand, have decreased from 249,471 to 189,132. This is a decrease of 60,339 or 24 percent.

Putting aside the town/country comparisons for awhile, and looking at county data, also provides some interesting facts. Using the planning regions to divide the state (25 counties are in the eastern half and 28 are in the western half), it was found that between 1960 and 1990, the eastern counties gained 7,668 people, a 2.2 percent increase. The western counties gained 3,923 or 1.4 percent. Comparing the county numbers to total state growth, 66 percent occurred in the eastern counties, while 34 percent occurred in the western counties.

Between 1960 and 1980, 44 counties (83 percent) lost population, while 9 counties (17 percent) gained population. The 44 losing counties decreased by 97,829 people (15.6 percent of the state population) or 2,223 people per county. The 9 gaining counties increased by 109,420 people (17.4 percent of the state population) or 12,158 people per county. The 9 counties with growth are: Burleigh, Cass, Grand Forks, Mercer, Morton, Rolette, Sioux, Stark, and Ward. Seven (7) of these counties are urban counties and 2 are not (Mercer and Sioux).

Defining urban as any county having a population of 10,000 or more presents us with the fact that in 1960, North Dakota had 19 counties that were urban, but by 1990 there were only 14 counties meeting this definition. The counties that are no longer urban counties are Bottineau, Cavalier, McHenry, Pembina, and Traill.

Looking at the state in even larger geographical areas such as the eight state planning regions, presents a few interesting movements of North Dakota residents. Five of the regions lost population between 1960 and 1990. They were the Williston, Minot, Devils Lake, Jamestown, and Dickinson regions. Only the Grand Forks, Fargo, and Bismarck planning regions showed growth over the same time period. In two of the regions (Williston and Jamestown), every county within the region had population decreases.

After seeing the above statistics, what can be said about what they mean to the average North Dakotan? First of all, one simple trend that is continuing in North Dakota is the decline in population. Since 1930, North Dakota has most often lost population from a previous census. The exceptions occurred in 1960 and 1980 when the state had increases of 7,573 and 34,956 from the previous respective census. Another trend is the migration of people from small towns to the major urban centers. Small communities continue to get smaller or completely disappear. Since statehood, North Dakota has lost 526 communities. The new towns that have been created are bedroom communities around our major metropolitan areas. The majority of the growth that is occurring is located in the eastern half of the state and, in particular, the counties bordering Minnesota. A few counties in North Dakota have only one town and their populations are declining. Considering that many of the least populated counties are adjacent to each other, the concept of sharing law enforcement, school administration, road and bridge maintenance, etc. has to be looked at carefully. Decisions will soon have to be made if the economic base exists to keep two infrastructures going. People are leaving the state, or they are leaving the rural areas for the urban centers within the state. Such migration is posing very serious questions of how to deal with those who remain in the rural areas. Answers won't be easy, nor all of them popular.

**Warren Boyd**
**Research Analyst**

# STATEWIDE
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | July 1991 | June 1991 | June 1991 | July 1990 | July 1990 |
| TOTAL NONAG | 269,600 | 272,150 | -0.9% | 265,850 | 1.4% |
| GOODS PRODUCING | 34,400 | 34,250 | 0.4% | 33,900 | 1.5% |
| MINING | 4,900 | 4,800 | 2.1% | 4,450 | 10.1% |
| Coal | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| Crude Petroleum & Nat. Gas | 3,300 | 3,200 | 3.1% | 2,900 | 13.8% |
| Other Mining | 550 | 550 | 0.0% | 500 | 10.0% |
| CONSTRUCTION | 12,300 | 12,000 | 2.5% | 12,200 | 0.8% |
| Building Construction | 2,900 | 2,800 | 3.6% | 2,900 | 0.0% |
| Street, Highway & Heavy | 3,800 | 3,700 | 2.7% | 3,400 | 11.8% |
| Special Trade Construction | 5,600 | 5,500 | 1.8% | 5,900 | -5.1% |
| MANUFACTURING | 17,200 | 17,450 | -1.4% | 17,250 | -0.3% |
| Durable Goods | 8,900 | 9,200 | -3.3% | 9,100 | -2.2% |
| Fabricated Metals | 1,100 | 1,100 | 0.0% | 1,200 | -8.3% |
| Machinery, Electric & Trans. Equip | 5,250 | 5,600 | -6.3% | 5,450 | -3.7% |
| Machinery & Electrical Equipment | 3,800 | 4,000 | -5.0% | 3,900 | -2.6% |
| Transportation Equipment | 1,450 | 1,600 | -9.4% | 1,550 | -6.5% |
| Other Durable Goods | 2,550 | 2,500 | 2.0% | 2,450 | 4.1% |
| Lumber & Wood | 1,150 | 1,150 | 0.0% | 1,200 | -4.2% |
| Misc Durable Goods | 1,400 | 1,350 | 3.7% | 1,250 | 12.0% |
| Nondurable Goods | 8,300 | 8,250 | 0.6% | 8,150 | 1.8% |
| Food & Kindred Products | 4,250 | 4,200 | 1.2% | 4,050 | 4.9% |
| Dairy Products | 600 | 600 | 0.0% | 700 | -14.3% |
| Grain Mill & Bakery Products | 1,100 | 1,050 | 4.8% | 950 | 15.8% |
| Sugar & Confectionary | 600 | 600 | 0.0% | 600 | 0.0% |
| Other Foods | 1,950 | 1,950 | 0.0% | 1,800 | 8.3% |
| Paper Products & Printing & Publishing | 2,500 | 2,500 | 0.0% | 2,500 | 0.0% |
| Other Nondurable Goods | 1,550 | 1,550 | 0.0% | 1,600 | -3.1% |
| SERVICES PRODUCING | 235,200 | 237,900 | -1.1% | 231,950 | 1.4% |
| TRAN, COMM & UTILITIES | 16,950 | 17,050 | -0.6% | 16,800 | 0.9% |
| Transportation | 8,650 | 8,850 | -2.3% | 8,600 | 0.6% |
| Trucking & Warehousing | 4,900 | 5,000 | -2.0% | 4,900 | 0.0% |
| Other Transportation | 3,750 | 3,850 | -2.6% | 3,700 | 1.4% |
| Railroads | 1,800 | 1,900 | -5.3% | 1,850 | -2.7% |
| Local & Suburban Transportation | 650 | 650 | 0.0% | 650 | 0.0% |
| Water, Air & Pipeline | 1,300 | 1,300 | 0.0% | 1,200 | 8.3% |
| Communications | 3,600 | 3,500 | 2.9% | 3,400 | 5.9% |
| Utilities | 4,700 | 4,700 | 0.0% | 4,800 | -2.1% |
| WHOLESALE TRADE | 19,400 | 19,400 | 0.0% | 19,700 | -1.5% |
| Durable Goods | 9,100 | 9,100 | 0.0% | 9,200 | -1.1% |
| Nondurable Goods | 10,300 | 10,300 | 0.0% | 10,500 | -1.9% |

# STATEWIDE
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | July 1991 | June 1991 | June 1991 | July 1990 | July 1990 |
| RETAIL TRADE | 53,150 | 52,850 | 0.6% | 51,050 | 4.1% |
| Hardware & Garden | 2,500 | 2,500 | 0.0% | 2,400 | 4.2% |
| General Merchandise | 7,300 | 7,300 | 0.0% | 6,100 | 19.7% |
| Food Stores | 7,400 | 7,200 | 2.8% | 7,200 | 2.8% |
| Auto Dealers & Service Stations | 6,900 | 6,900 | 0.0% | 6,900 | 0.0% |
| Apparel & Accessory | 2,500 | 2,400 | 4.2% | 2,500 | 0.0% |
| Furniture Stores | 1,650 | 1,650 | 0.0% | 1,650 | 0.0% |
| Eating & Drinking Places | 19,100 | 19,100 | 0.0% | 18,800 | 1.6% |
| Misc Retail | 5,800 | 5,800 | 0.0% | 5,500 | 5.5% |
| FINANCE, INS & REAL ESTATE | 12,800 | 12,700 | 0.8% | 12,500 | 2.4% |
| **Finance** | 6,550 | 6,550 | 0.0% | 6,550 | 0.0% |
| Banking | 5,600 | 5,600 | 0.0% | 5,600 | 0.0% |
| Other Finance | 950 | 950 | 0.0% | 950 | 0.0% |
| **Insurance** | 4,250 | 4,150 | 2.4% | 4,050 | 4.9% |
| Insurance Underwriters | 2,700 | 2,600 | 3.8% | 2,600 | 3.8% |
| Insurance Agents & Brokers | 1,550 | 1,550 | 0.0% | 1,450 | 6.9% |
| **Real Estate** | 2,000 | 2,000 | 0.0% | 1,900 | 5.3% |
| SERVICES | 71,200 | 71,300 | -0.1% | 69,400 | 2.6% |
| **Lodging** | 4,700 | 4,600 | 2.2% | 4,600 | 2.2% |
| **Personal & Business** | 8,200 | 8,200 | 0.0% | 8,100 | 1.2% |
| Personal Services | 3,200 | 3,200 | 0.0% | 3,100 | 3.2% |
| Business Services | 5,000 | 5,000 | 0.0% | 5,000 | 0.0% |
| **Recreational Services** | 3,000 | 2,900 | 3.4% | 2,900 | 3.4% |
| **Health Services** | 30,000 | 30,000 | 0.0% | 29,000 | 3.4% |
| Nursing & Hospital | 22,000 | 22,000 | 0.0% | 21,100 | 4.3% |
| Other Health | 8,000 | 8,000 | 0.0% | 7,900 | 1.3% |
| **Educational Services** | 2,400 | 2,600 | -7.7% | 2,400 | 0.0% |
| **Social Services** | 7,100 | 7,100 | 0.0% | 6,500 | 9.2% |
| **Membership Organizations** | 8,300 | 8,300 | 0.0% | 8,200 | 1.2% |
| **Other Services** | 7,500 | 7,600 | -1.3% | 7,700 | -2.6% |
| Auto & Misc Repair | 2,200 | 2,300 | -4.3% | 2,400 | -8.3% |
| Legal Services | 1,500 | 1,500 | 0.0% | 1,500 | 0.0% |
| Misc Services | 3,800 | 3,800 | 0.0% | 3,800 | 0.0% |
| GOVERNMENT | 61,700 | 64,600 | -4.5% | 62,500 | -1.3% |
| **Federal** | 10,300 | 10,300 | 0.0% | 10,700 | -3.7% |
| **State & Local** | 51,400 | 54,300 | -5.3% | 51,800 | -0.8% |
| **State Government** | 18,300 | 19,200 | -4.7% | 17,800 | 2.8% |
| Educational Services | 10,600 | 11,600 | -8.6% | 10,400 | 1.9% |
| Other State Government | 7,700 | 7,600 | 1.3% | 7,400 | 4.1% |
| **Local Government** | 33,100 | 35,100 | -5.7% | 34,000 | -2.6% |
| Educational Services | 13,900 | 16,100 | -13.7% | 14,000 | -0.7% |
| Other Local Government | 19,200 | 19,000 | 1.1% | 20,000 | -4.0% |

# BISMARCK MSA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | July 1991 | June 1991 | June 1991 | July 1990 | July 1990 |
| **TOTAL NONAG** | 41,550 | 42,150 | -1.4% | 39,900 | 4.1% |
| **GOODS PRODUCING** | 5,000 | 4,900 | 2.0% | 4,500 | 11.1% |
| **MINING & CONSTRUCTION** | 2,600 | 2,500 | 4.0% | 2,200 | 18.2% |
| **MANUFACTURING** | 2,400 | 2,400 | 0.0% | 2,300 | 4.3% |
| **Durable Goods** | 1,000 | 1,000 | 0.0% | 1,000 | 0.0% |
| **Nondurable Goods** | 1,400 | 1,400 | 0.0% | 1,300 | 7.7% |
| **SERVICES PRODUCING** | 36,550 | 37,250 | -1.9% | 35,400 | 3.2% |
| **TRANS, COMM. & UTILITIES** | 2,950 | 2,950 | 0.0% | 2,850 | 3.5% |
| Transportation | 1,250 | 1,250 | 0.0% | 1,200 | 4.2% |
| Communications & Utilities | 1,700 | 1,700 | 0.0% | 1,650 | 3.0% |
| **WHOLESALE TRADE** | 2,100 | 2,100 | 0.0% | 2,200 | -4.5% |
| **RETAIL TRADE** | 8,450 | 8,550 | -1.2% | 8,300 | 1.8% |
| General Merchandise & Apparel | 1,700 | 1,700 | 0.0% | 1,600 | 6.3% |
| Food Stores | 1,050 | 1,100 | -4.5% | 1,050 | 0.0% |
| Auto Dealers & Service Stations | 1,000 | 1,050 | -4.8% | 1,100 | -9.1% |
| Eating & Drinking Places | 2,900 | 2,900 | 0.0% | 2,900 | 0.0% |
| Other Retail | 1,800 | 1,800 | 0.0% | 1,650 | 9.1% |
| **FINANCE, INS. & REAL ESTATE** | 1,550 | 1,500 | 3.3% | 1,550 | 0.0% |
| **SERVICES** | 12,650 | 12,750 | -0.8% | 11,950 | 5.9% |
| Lodging | 1,000 | 1,000 | 0.0% | 900 | 11.1% |
| Personal & Business | 1,500 | 1,500 | 0.0% | 1,450 | 3.4% |
| Health Services | 5,500 | 5,500 | 0.0% | 5,100 | 7.8% |
| Educational Services | 400 | 500 | -20.0% | 350 | 14.3% |
| Social Services | 1,250 | 1,250 | 0.0% | 1,150 | 8.7% |
| Membership Organizations | 1,250 | 1,250 | 0.0% | 1,250 | 0.0% |
| Other Services | 1,750 | 1,750 | 0.0% | 1,750 | 0.0% |
| **GOVERNMENT** | 8,850 | 9,400 | -5.9% | 8,550 | 3.5% |
| **Federal** | 1,150 | 1,150 | 0.0% | 1,150 | 0.0% |
| State | 4,200 | 4,200 | 0.0% | 4,050 | 3.7% |
| State Education | 300 | 300 | 0.0% | 250 | 20.0% |
| Other State | 3,900 | 3,900 | 0.0% | 3,800 | 2.6% |
| **Local** | 3,500 | 4,050 | -13.6% | 3,350 | 4.5% |
| Local Education | 1,500 | 2,100 | -28.6% | 1,550 | -3.2% |
| Other Local | 2,000 | 1,950 | 2.6% | 1,800 | 11.1% |

# FARGO-MOORHEAD MSA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | July 1991 | June 1991 | June 1991 | July 1990 | July 1990 |
| TOTAL NONAG | 78,700 | 79,700 | -1.3% | 76,150 | 3.3% |
| GOODS PRODUCING | 9,850 | 9,800 | 0.5% | 10,250 | -3.9% |
| MINING & CONSTRUCTION | 4,300 | 4,300 | 0.0% | 4,500 | -4.4% |
| Special Trade | 2,200 | 2,200 | 0.0% | 2,300 | -4.3% |
| Other Mining & Construction | 2,100 | 2,100 | 0.0% | 2,200 | -4.5% |
| MANUFACTURING | 5,550 | 5,500 | 0.9% | 5,750 | -3.5% |
| Durable Goods | 2,700 | 2,750 | -1.8% | 2,950 | -8.5% |
| Fabricated Metals & Machinery | 1,400 | 1,500 | -6.7% | 1,550 | -9.7% |
| Other Durable Goods | 1,300 | 1,250 | 4.0% | 1,400 | -7.1% |
| Nondurable Goods | 2,850 | 2,750 | 3.6% | 2,800 | 1.8% |
| Food & Kindred | 1,800 | 1,700 | 5.9% | 1,750 | 2.9% |
| Other Nondurable Goods | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| SERVICES PRODUCING | 68,850 | 69,900 | -1.5% | 65,900 | 4.5% |
| TRANS, COMM & UTILITIES | 4,800 | 4,850 | -1.0% | 4,600 | 4.3% |
| Trucking & Warehousing | 2,300 | 2,300 | 0.0% | 2,100 | 9.5% |
| Other Transportation | 900 | 900 | 0.0% | 900 | 0.0% |
| Communications & Utilities | 1,600 | 1,650 | -3.0% | 1,600 | 0.0% |
| WHOLESALE TRADE | 7,000 | 7,000 | 0.0% | 6,900 | 1.4% |
| Durable Goods | 3,900 | 3,900 | 0.0% | 3,900 | 0.0% |
| Nondurable Goods | 3,100 | 3,100 | 0.0% | 3,000 | 3.3% |
| RETAIL TRADE | 16,200 | 16,200 | 0.0% | 15,550 | 4.2% |
| General Merchandise & Apparel | 3,200 | 3,200 | 0.0% | 2,800 | 14.3% |
| Food Stores | 2,100 | 2,100 | 0.0% | 2,100 | 0.0% |
| Auto Dealers & Service Stations | 2,000 | 2,000 | 0.0% | 1,950 | 2.6% |
| Eating & Drinking Places | 6,100 | 6,100 | 0.0% | 5,900 | 3.4% |
| Other Retail | 2,800 | 2,800 | 0.0% | 2,800 | 0.0% |
| FINANCE, INS & REAL ESTATE | 4,750 | 4,750 | 0.0% | 4,650 | 2.2% |
| Finance | 2,000 | 2,000 | 0.0% | 2,000 | 0.0% |
| Insurance Carriers | 1,600 | 1,600 | 0.0% | 1,550 | 3.2% |
| Other Insurance & Real Estate | 1,150 | 1,150 | 0.0% | 1,100 | 4.5% |
| SERVICES | 22,400 | 22,300 | 0.4% | 21,300 | 5.2% |
| Lodging | 1,400 | 1,400 | 0.0% | 1,350 | 3.7% |
| Personal & Business | 3,800 | 3,800 | 0.0% | 3,600 | 5.6% |
| Recreation & Amusement | 1,150 | 1,100 | 4.5% | 1,000 | 15.0% |
| Health Services | 8,400 | 8,400 | 0.0% | 8,100 | 3.7% |
| Educational Services | 1,500 | 1,400 | 7.1% | 1,450 | 3.4% |
| Social Services | 1,800 | 1,850 | -2.7% | 1,600 | 12.5% |
| Membership Organizations | 1,550 | 1,550 | 0.0% | 1,500 | 3.3% |
| Other Services | 2,800 | 2,800 | 0.0% | 2,700 | 3.7% |
| GOVERNMENT | 13,700 | 14,800 | -7.4% | 12,900 | 6.2% |
| Federal | 2,300 | 2,300 | 0.0% | 2,400 | -4.2% |
| State | 4,800 | 5,500 | -12.7% | 4,700 | 2.1% |
| State Education | 4,200 | 4,900 | -14.3% | 4,100 | 2.4% |
| Other State | 600 | 600 | 0.0% | 600 | 0.0% |
| Local | 6,600 | 7,000 | -5.7% | 5,800 | 13.8% |
| Local Education | 3,400 | 4,000 | -15.0% | 2,800 | 21.4% |
| Other Local | 3,200 | 3,000 | 6.7% | 3,000 | 6.7% |

# GRAND FORKS MSA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | July 1991 | June 1991 | June 1991 | July 1990 | July 1990 |
| TOTAL NONAG | 31,550 | 31,300 | 0.8% | 30,650 | 2.9% |
| GOODS PRODUCING | 3,050 | 3,000 | 1.7% | 3,000 | 1.7% |
| MINING & CONSTRUCTION | 1,400 | 1,300 | 7.7% | 1,550 | -9.7% |
| MANUFACTURING | 1,650 | 1,700 | -2.9% | 1,450 | 13.8% |
| Durable Goods | 650 | 650 | 0.0% | 550 | 18.2% |
| Nondurable Goods | 1,000 | 1,050 | -4.8% | 900 | 11.1% |
| SERVICES PRODUCING | 28,500 | 28,300 | 0.7% | 27,650 | 3.1% |
| TRANS, COMM. & UTILITIES | 1,750 | 1,750 | 0.0% | 1,650 | 6.1% |
| Transportation | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| Communications & Utilities | 700 | 700 | 0.0% | 650 | 7.7% |
| WHOLESALE TRADE | 1,600 | 1,550 | 3.2% | 1,600 | 0.0% |
| RETAIL TRADE | 7,900 | 7,650 | 3.3% | 7,500 | 5.3% |
| General Merchandise & Apparel | 2,000 | 1,950 | 2.6% | 1,800 | 11.1% |
| Eating & Drinking Places | 2,900 | 2,900 | 0.0% | 2,800 | 3.6% |
| Other Retail | 3,000 | 2,800 | 7.1% | 2,900 | 3.4% |
| FINANCE, INS. & REAL ESTATE | 1,100 | 1,100 | 0.0% | 1,100 | 0.0% |
| SERVICES | 7,650 | 7,650 | 0.0% | 7,250 | 5.5% |
| Personal & Business | 1,050 | 1,050 | 0.0% | 950 | 10.5% |
| Health Services | 3,000 | 3,000 | 0.0% | 2,900 | 3.4% |
| Other Services | 3,600 | 3,600 | 0.0% | 3,400 | 5.9% |
| GOVERNMENT | 8,500 | 8,600 | -1.2% | 8,550 | -0.6% |
| Federal | 1,500 | 1,550 | -3.2% | 1,550 | -3.2% |
| State | 4,700 | 4,600 | 2.2% | 4,600 | 2.2% |
| State Education | 4,200 | 4,100 | 2.4% | 4,100 | 2.4% |
| Other State | 500 | 500 | 0.0% | 500 | 0.0% |
| Local | 2,300 | 2,450 | -6.1% | 2,400 | -4.2% |
| Local Education | 950 | 1,150 | -17.4% | 1,050 | -9.5% |
| Other Local | 1,350 | 1,300 | 3.8% | 1,350 | 0.0% |

## UNITED STATES

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | JUL 1991 | JUN 1991 | JUL 1990 | JUL 1991 | JUN 1991 | JUL 1990 | JUL 1991 | JUN 1991 | JUL 1990 |
| MANUFACTURING | 452.57 | 457.67 | 440.64 | 40.3 | 40.9 | 40.5 | 11.23 | 11.19 | 10.88 |
| Durable Goods | 480.26 | 488.04 | 466.58 | 40.7 | 41.5 | 41.0 | 11.80 | 11.76 | 11.38 |
| Nondurable Goods | 418.95 | 420.33 | 406.98 | 39.9 | 40.3 | 39.9 | 10.50 | 10.43 | 10.20 |

## NORTH DAKOTA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | JUL 1991 | JUN 1991 | JUL 1990 | JUL 1991 | JUN 1991 | JUL 1990 | JUL 1991 | JUN 1991 | JUL 1990 |
| MANUFACTURING | 333.38 | 366.96 | 350.16 | 39.5 | 39.8 | 39.3 | 8.44 | 9.22 | 8.91 |
| Durable Goods | 325.22 | 384.46 | 375.15 | 40.2 | 40.9 | 41.0 | 8.09 | 9.40 | 9.15 |
| Nondurable Goods | 342.99 | 346.12 | 319.18 | 38.8 | 38.5 | 37.2 | 8.84 | 8.99 | 8.58 |
| Food & Kindred | 349.06 | 357.78 | 330.96 | 40.4 | 40.2 | 39.4 | 8.64 | 8.90 | 8.40 |

## FARGO-MOORHEAD MSA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | JUL 1991 | JUN 1991 | JUL 1990 | JUL 1991 | JUN 1991 | JUL 1990 | JUL 1991 | JUN 1991 | JUL 1990 |
| MANUFACTURING | 336.28 | 353.82 | 356.11 | 37.7 | 38.5 | 39.7 | 8.92 | 9.19 | 8.97 |
| Durable Goods | 343.57 | 360.40 | 376.66 | 39.4 | 40.0 | 42.9 | 8.72 | 9.01 | 8.78 |
| Nondurable Goods | 328.68 | 345.92 | 332.84 | 36.0 | 36.8 | 36.1 | 9.13 | 9.40 | 9.22 |

# LABOR FORCE

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | July 1991 | June 1991 | June 1991 | July 1990 | July 1990 |
| **UNITED STATES *** | | | | | |
| **(In Thousands)** | | | | | |
| Labor Force | 125,213 | 125,629 | -0.3% | 124,709 | 0.4% |
| Employment | 116,712 | 116,884 | -0.1% | 117,882 | -1.0% |
| Unemployment | 8,501 | 8,745 | -2.8% | 6,827 | 24.5% |
| Unemployment Rate | 6.8% | 7.0% | xxx | 5.5% | xxx |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 326,570 | 328,780 | -0.7% | 334,600 | -2.4% |
| Employment | 313,730 | 315,110 | -0.4% | 321,280 | -2.3% |
| Unemployment | 12,840 | 13,670 | -6.1% | 13,320 | -3.6% |
| Unemployment Rate | 3.9% | 4.2% | xxx | 4.0% | xxx |
| **BISMARCK MSA** | | | | | |
| Labor Force | 48,740 | 48,960 | -0.4% | 48,190 | 1.1% |
| Employment | 46,840 | 47,090 | -0.5% | 46,350 | 1.1% |
| Unemployment | 1,900 | 1,870 | 1.6% | 1,840 | 3.3% |
| Unemployment Rate | 3.9% | 3.8% | xxx | 3.8% | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 89,810 | 89,890 | -0.1% | 88,750 | 1.2% |
| Employment | 87,190 | 87,210 | 0.0% | 86,400 | 0.9% |
| Unemployment | 2,620 | 2,680 | -2.2% | 2,350 | 11.5% |
| Unemployment Rate | 2.9% | 3.0% | xxx | 2.7% | xxx |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 35,530 | 35,310 | 0.6% | 36,070 | -1.5% |
| Employment | 34,350 | 34,060 | 0.9% | 34,430 | -0.2% |
| Unemployment | 1,180 | 1,250 | -5.6% | 1,640 | -28.0% |
| Unemployment Rate | 3.3% | 3.5% | xxx | 4.5% | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

* Break in Series. Data published for May 1991 and all prior months included the resident Armed Forces. Data for June 1991 and subsequent months excludes the resident Armed Forces.

The Bismarck Metropolitan Statistical Area (MSA) includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.
The Grand Forks MSA includes Grand Forks County.

## BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
JUN 1991

| | NORTH DAKOTA | MINNESOTA | SOUTH DAKOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 328.8 | 2,499.2 | 366.0 | 410.4 |
| Employment | 315.1 | 2,380.3 | 354.6 | 384.1 |
| Unemployment | 13.7 | 118.9 | 11.4 | 26.3 |
| Unemployment Rate | 4.2% | 4.8% | 3.1% | 6.4% |

## U. S. CONSUMER PRICE INDEX

## ALL URBAN CONSUMERS

(1982-84 = 100)

| ITEM | ANNUAL AVERAGE 1990 | JUL 1991 | JUN 1991 | Percent Change From JUN 1991 | JUL 1990 | Percent Change From JUL 1990 |
|---|---|---|---|---|---|---|
| All Items | 130.7 | 136.2 | 136.0 | 0.1% | 130.4 | 4.4% |
| Food & Beverage | 132.1 | 137.1 | 137.7 | -0.4% | 132.4 | 3.5% |
| Housing | 128.5 | 134.2 | 133.4 | 0.6% | 129.2 | 3.9% |
| Apparel & Upkeep | 124.1 | 125.2 | 126.9 | -1.3% | 120.8 | 3.6% |
| Transportation | 120.5 | 123.4 | 123.7 | -0.2% | 118.4 | 4.2% |
| Medical Care | 162.8 | 177.5 | 176.2 | 0.7% | 163.5 | 8.6% |
| Entertainment | 132.4 | 138.6 | 138.1 | 0.4% | 132.7 | 4.4% |
| All Other | 159.0 | 170.8 | 170.0 | 0.5% | 159.2 | 7.3% |

## PRODUCER PRICE INDEX

## UNITED STATES AVERAGE

| ITEM | ANNUAL AVERAGE 1990 | JUL 1991 | JUN 1991 | Percent Change From JUN 1991 | JUL 1990 | Percent Change From JUL 1990 |
|---|---|---|---|---|---|---|
| All Commodities | 116.3 | 116.0 | 116.3 | -0.3% | 114.5 | 1.3% |
| Farm Products & Processed Foods and Feeds | 118.6 | 116.3 | 117.7 | -1.2% | 120.0 | -3.1% |
| Industrial Commodities | 115.8 | 116.0 | 116.0 | 0.0% | 113.4 | 2.3% |

# LABOR FORCE - BY COUNTY - BY REGION

| Benchmark 90/1 | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | JUL'91 | JUN'91 | JUL'90 | JUL'91 | JUN'91 | JUL'90 | JUL'91 | JUN'91 | JUL'90 | JUL'91 | JUN'91 | JUL'90 |
| Divide | 1,260 | 1,341 | 1.385 | 1,230 | 1,306 | 1,361 | 30 | 35 | 24 | 2.4% | 2.6% | 1.7% |
| McKenzie | 2,375 | 2,486 | 2.681 | 2,260 | 2,361 | 2,598 | 115 | 125 | 83 | 4.8% | 5.0% | 3.1% |
| Williams | 11,267 | 11,194 | 11,530 | 10,772 | 10,751 | 11,127 | 495 | 443 | 403 | 4.4% | 4.0% | 3.5% |
| **REGION 1** | **14,902** | **15,021** | **15,596** | **14,262** | **14,418** | **15,086** | **640** | **603** | **510** | **4.3%** | **4.0%** | **3.3%** |
| Bottineau | 3,061 | 3,233 | 3.344 | 2,946 | 3,119 | 3,198 | 115 | 114 | 146 | 3.8% | 3.5% | 4.4% |
| Burke | 1,214 | 1,261 | 1.302 | 1,151 | 1,186 | 1,236 | 63 | 75 | 66 | 5.2% | 5.9% | 5.1% |
| McHenry | 2,322 | 2,356 | 2,559 | 2,155 | 2,170 | 2,337 | 167 | 186 | 222 | 7.2% | 7.9% | 8.7% |
| Mountrail | 3,264 | 3,328 | 3,351 | 3,052 | 3,068 | 3,173 | 212 | 260 | 178 | 6.5% | 7.8% | 5.3% |
| Pierce | 2,363 | 2,413 | 2,563 | 2,298 | 2,343 | 2,492 | 65 | 70 | 71 | 2.8% | 2.9% | 2.8% |
| Renville | 1,140 | 1,144 | 1,210 | 1,088 | 1,082 | 1,166 | 52 | 62 | 44 | 4.6% | 5.4% | 3.6% |
| Ward | 26,191 | 26,248 | 26,709 | 25,286 | 25,217 | 25,704 | 905 | 1,031 | 1,005 | 3.5% | 3.9% | 3.8% |
| **REGION 2** | **39,555** | **39,983** | **41,038** | **37,976** | **38,185** | **39,306** | **1,579** | **1,798** | **1,732** | **4.0%** | **4.5%** | **4.2%** |
| Benson | 2,670 | 2,790 | 2.986 | 2,454 | 2,531 | 2,701 | 216 | 259 | 285 | 8.1% | 9.3% | 9.5% |
| Cavalier | 2,440 | 2,459 | 2.628 | 2,329 | 2,356 | 2,507 | 111 | 103 | 121 | 4.5% | 4.2% | 4.6% |
| Eddy | 1,288 | 1,356 | 1,425 | 1,210 | 1,259 | 1,345 | 78 | 97 | 80 | 6.1% | 7.2% | 5.6% |
| Ramsey | 6,582 | 6,602 | 6.802 | 6,385 | 6,389 | 6,591 | 197 | 213 | 211 | 3.0% | 3.2% | 3.1% |
| Rolette | 4,014 | 4,121 | 4,591 | 3,327 | 3,284 | 3,614 | 687 | 837 | 977 | 17.1% | 20.3% | 21.3% |
| Towner | 1,743 | 1,718 | 1,819 | 1,685 | 1,659 | 1,781 | 58 | 59 | 38 | 3.3% | 3.4% | 2.1% |
| **REGION 3** | **18,737** | **19,046** | **20,251** | **17,390** | **17,478** | **18,539** | **1,347** | **1,568** | **1,712** | **7.2%** | **8.2%** | **8.5%** |
| Grand Forks | 35,525 | 35,314 | 36,063 | 34,347 | 34,064 | 34,425 | 1,178 | 1,250 | 1,638 | 3.3% | 3.5% | 4.5% |
| Nelson | 1,773 | 1,834 | 1,900 | 1,711 | 1,770 | 1,843 | 62 | 64 | 57 | 3.5% | 3.5% | 3.0% |
| Pembina | 5,097 | 4,902 | 5,516 | 4,699 | 4,592 | 5,031 | 398 | 310 | 485 | 7.8% | 6.3% | 8.8% |
| Walsh | 7,727 | 7,608 | 8,059 | 7,388 | 7,292 | 7,700 | 339 | 316 | 359 | 4.4% | 4.2% | 4.5% |
| **REGION 4** | **50,122** | **49,658** | **51,538** | **48,145** | **47,718** | **48,999** | **1,977** | **1,940** | **2,539** | **3.9%** | **3.9%** | **4.9%** |
| Cass | 62,909 | 63,346 | 62,645 | 61,416 | 61,722 | 61,300 | 1,493 | 1.624 | 1,345 | 2.4% | 2.6% | 2.1% |
| Ransom | 2,676 | 2,645 | 2,821 | 2,617 | 2,593 | 2,761 | 59 | 52 | 60 | 2.2% | 2.0% | 2.1% |
| Richland | 8,599 | 8,976 | 8,788 | 8,128 | 8,320 | 8,360 | 471 | 656 | 428 | 5.5% | 7.3% | 4.9% |
| Sargent | 2,839 | 2,871 | 2,866 | 2,772 | 2,818 | 2,828 | 67 | 53 | 38 | 2.4% | 1.8% | 1.3% |
| Steele | 1,045 | 1,060 | 1,150 | 1,017 | 1,045 | 1,114 | 28 | 15 | 36 | 2.7% | 1.4% | 3.1% |
| Traill | 4,046 | 4,020 | 4,336 | 3,814 | 3,836 | 4,133 | 232 | 184 | 203 | 5.7% | 4.6% | 4.7% |
| **REGION 5** | **82,114** | **82,918** | **82,606** | **79,764** | **80,334** | **80,496** | **2,350** | **2,584** | **2,110** | **2.9%** | **3.1%** | **2.6%** |

# LABOR FORCE - BY COUNTY - BY REGION

| Benchmark 90/1 | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | JUL'91 | JUN'91 | JUL'90 | JUL'91 | JUN'91 | JUL'90 | JUL'91 | JUN'91 | JUL'90 | JUL'91 | JUN'91 | JUL'90 |
| Barnes | 5,694 | 5,833 | 5,859 | 5,517 | 5,640 | 5,709 | 177 | 193 | 150 | 3.1% | 3.3% | 2.6% |
| Dickey | 2,968 | 3,019 | 3,097 | 2,872 | 2,934 | 3,036 | 96 | 85 | 61 | 3.2% | 2.8% | 2.0% |
| Foster | 2,068 | 2,109 | 2,181 | 2,007 | 2,053 | 2,123 | 61 | 56 | 58 | 2.9% | 2.7% | 2.7% |
| Griggs | 1,425 | 1,432 | 1,585 | 1,386 | 1,392 | 1,541 | 39 | 40 | 44 | 2.7% | 2.8% | 2.8% |
| La Moure | 2,168 | 2,190 | 2,332 | 2,132 | 2,144 | 2,282 | 36 | 46 | 50 | 1.7% | 2.1% | 2.1% |
| Logan | 1,352 | 1,407 | 1,482 | 1,324 | 1,357 | 1,441 | 28 | 50 | 41 | 2.1% | 3.6% | 2.8% |
| McIntosh | 2,068 | 2,133 | 2,283 | 2,038 | 2,089 | 2,203 | 30 | 44 | 80 | 1.5% | 2.1% | 3.5% |
| Stutsman | 11,069 | 11,177 | 11,723 | 10,678 | 10,801 | 11,373 | 391 | 376 | 350 | 3.5% | 3.4% | 3.0% |
| Wells | 2,720 | 2,702 | 2,877 | 2,585 | 2,548 | 2,743 | 135 | 154 | 134 | 5.0% | 5.7% | 4.7% |
| REGION 6 | 31,532 | 32,002 | 33,419 | 30,539 | 30,958 | 32,451 | 993 | 1,044 | 968 | 3.1% | 3.3% | 2.9% |
| Burleigh | 35,651 | 35,873 | 35,265 | 34,369 | 34,553 | 34,011 | 1,282 | 1,320 | 1,254 | 3.6% | 3.7% | 3.6% |
| Emmons | 2,088 | 2,117 | 2,243 | 2,041 | 2,049 | 2,169 | 47 | 68 | 74 | 2.3% | 3.2% | 3.3% |
| Grant | 1,706 | 1,772 | 1,897 | 1,648 | 1,670 | 1,820 | 58 | 102 | 77 | 3.4% | 5.8% | 4.1% |
| Kidder | 1,417 | 1,492 | 1,558 | 1,348 | 1,410 | 1,445 | 69 | 82 | 113 | 4.9% | 5.5% | 7.3% |
| McLean | 4,394 | 4,488 | 4,470 | 4,157 | 4,232 | 4,248 | 237 | 256 | 222 | 5.4% | 5.7% | 5.0% |
| Mercer | 5,847 | 5,828 | 5,829 | 5,397 | 5,414 | 5,508 | 450 | 414 | 321 | 7.7% | 7.1% | 5.5% |
| Morton | 13,082 | 13,080 | 12,918 | 12,467 | 12,534 | 12,337 | 615 | 546 | 581 | 4.7% | 4.2% | 4.5% |
| Oliver | 1,090 | 1,141 | 1,101 | 1,033 | 1,088 | 1,058 | 57 | 53 | 43 | 5.2% | 4.6% | 3.9% |
| Sheridan | 1,133 | 1,127 | 1,238 | 1,106 | 1,083 | 1,202 | 27 | 44 | 36 | 2.4% | 3.9% | 2.9% |
| Sioux | 1,161 | 1,282 | 1,239 | 792 | 844 | 831 | 369 | 438 | 408 | 31.8% | 34.2% | 32.9% |
| REGION 7 | 67,569 | 68,200 | 67,758 | 64,358 | 64,877 | 64,629 | 3,211 | 3,323 | 3,129 | 4.8% | 4.9% | 4.6% |
| Adams | 1,821 | 1,770 | 1,833 | 1,782 | 1,741 | 1,798 | 39 | 29 | 35 | 2.1% | 1.6% | 1.9% |
| Billings | 1,286 | 1,257 | 1,208 | 1,270 | 1,230 | 1,189 | 16 | 27 | 19 | 1.2% | 2.1% | 1.6% |
| Bowman | 2,229 | 2,174 | 2,248 | 2,155 | 2,118 | 2,226 | 74 | 56 | 22 | 3.3% | 2.6% | 1.0% |
| Dunn | 1,611 | 1,647 | 1,765 | 1,536 | 1,545 | 1,693 | 75 | 102 | 72 | 4.7% | 6.2% | 4.1% |
| Gldn Valley | 1,020 | 992 | 1,069 | 990 | 946 | 1,050 | 30 | 46 | 19 | 2.9% | 4.6% | 1.8% |
| Hettinger | 1,648 | 1,635 | 1,820 | 1,603 | 1,603 | 1,763 | 45 | 32 | 57 | 2.7% | 2.0% | 3.1% |
| Slope | 445 | 464 | 480 | 417 | 421 | 453 | 28 | 43 | 27 | 6.3% | 9.3% | 5.6% |
| Stark | 11,974 | 12,016 | 11,962 | 11,541 | 11,543 | 11,597 | 433 | 473 | 365 | 3.6% | 3.9% | 3.1% |
| REGION 8 | 22,034 | 21,955 | 22,385 | 21,294 | 21,147 | 21,769 | 740 | 808 | 616 | 3.4% | 3.7% | 2.8% |
| **STATE TOTALS** | 326,563 | 328,782 | 334,595 | 313,728 | 315,114 | 321,275 | 12,835 | 13,668 | 13,320 | 3.9% | 4.2% | 4.0% |

## DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
**216 Second Street**
**Phone: 224-2880**

**BEULAH**
**119 East Main**
**Phone: 873-5607**

**DEVILS LAKE**
**301 South College Drive**
**Phone: 662- 2181**

**DICKINSON**
**66 Osborn Drive**
**Phone: 227-2361**

**FARGO**
**1350 32nd Street South**
**Phone: 239-7100**

**NDSU-FARGO**
**Career Services**
**211 Ceres Hall**
**Phone: 237-7111**

**FORT TOTTEN**
**Tribal Building**
**Phone: 766-4221, Ext. 45**

**FORT YATES**
**Job Service Building**
**Phone: 854-7463**

**GRAFTON**
**927 12th St. West**
**Phone: 352-4450**

**GRAND FORKS**
**2016 South Washington**
**Phone: 777-3711**

**UND-GRAND FORKS**
**McCannel Hall- Room 141**
**Phone: 777-3904**

**HARVEY**
**119 9th St. West**
**Phone: 324-4552**

**HETTINGER**
**606 2nd Avenue North**
**Phone: 567-2156**

**JAMESTOWN**
**429 2nd Street Southwest**
**Phone: 251-2256**

**MANDAN**
**501 1st Street Northwest**
**Phone: 663-6461**

**MINOT**
**3416 North Broadway**
**Phone: 857-7650**

**NEW TOWN**
**Tribal Administration Building**
**Phone: 627-4390**

**OAKES**
**517 Main Ave.**
**PHONE: 742-2546**

**ROLLA**
**103 East Main**
**Phone: 477-5631**

**VALLEY CITY**
**2425 West Main**
**Phone: 845-7261**

**WAHPETON**
**524 2nd Avenue North**
**Phone: 671-2711**

**WILLISTON**
**422 1st Avenue West**
**Phone: 774-4370**

S6140-4

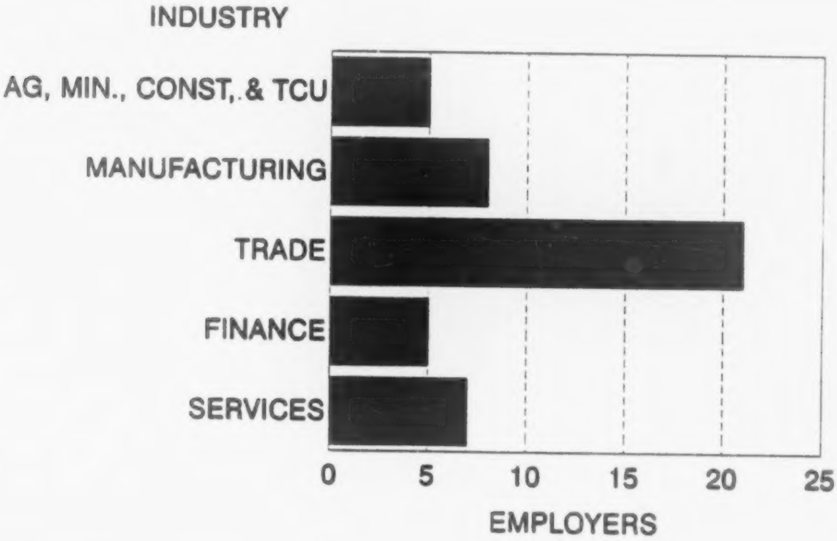
August, 1991

Volume 7, Number 8

JOB
SERVICE
North Dakota

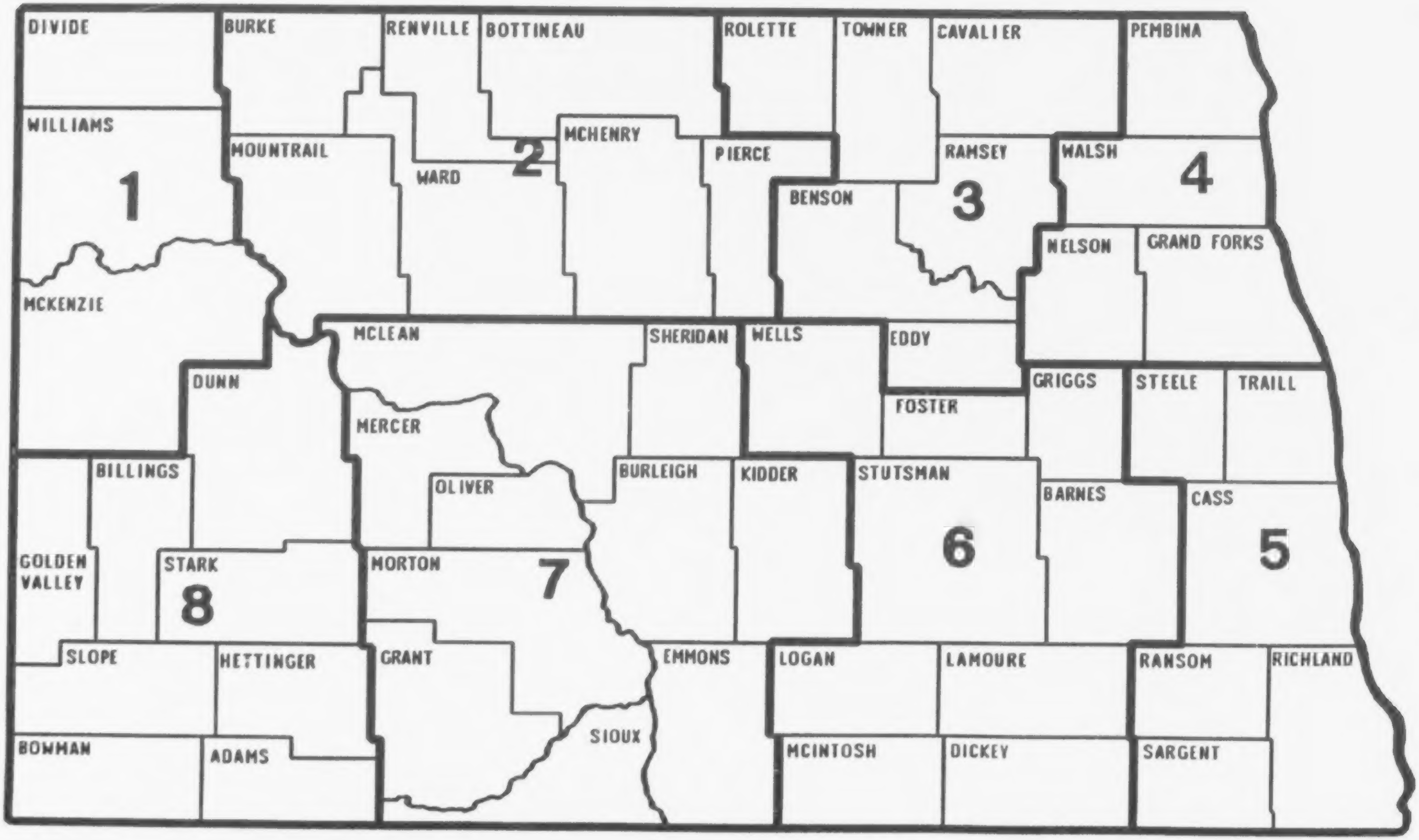
# The North Dakota Labor Market Advisor

## PLANT CLOSINGS AND MASS LAYOFFS
EMPLOYERS AFFECTED
JULY 1990 THRU JUNE 1991



# NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
WARD
2
MCHENRY
PIERCE
RAMSEY
WALSH
4
1
BENSON
3
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
DUNN
GRIGGS
STEELE
TRAILL
FOSTER
MERCER
BILLINGS
OLIVER
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
GOLDEN VALLEY
STARK
8
MORTON
7
6
5
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
BOWMAN
ADAMS
SIOUX
MCINTOSH
DICKEY
SARGENT

# THE
# NORTH DAKOTA
# LABOR MARKET ADVISOR

August, 1991

**GEORGE A. SINNER, GOVERNOR**
**STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

**Micheal V. Deisz**
**Executive Director**

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Director
(701) 224-2868

# 46 PLANT CLOSING AND MASS LAYOFF NOTICES RECEIVED

*In the past year, North Dakota received 46 plant closing and mass layoff notices involving 804 permanent full-time and part-time workers.*

When any employer is faced with the difficult decision of closing a business or having a major layoff, the outcome may have a negative impact on the workers, their families, area businesses, and the community. This may mean job loss, less income, a tight local economy, and people leaving the area for other employment. The effects could be devastating--if not on the community, at least on the workers involved.

The Federal Economic Dislocation Worker Adjustment Assistance Act (EDWAA) was passed to assist employers and their employees as they deal with the day-to-day realities brought on by a plant closing or major layoff. This program's intent is to assure that the negative impact of dislocation on the workers is lessened as much as possible. It also assists the affected workers in their quest to find new jobs or be trained in new career areas as soon as possible.

The Governor and the Governor's Employment and Training Forum designated Job Service North Dakota as the state's Dislocated Worker Office. Area coordination and provision of these services is the responsibility of the regional and district Job Service managers. Located in the agency's administrative office in Bismarck, the Dislocated Worker Unit is responsible for state-level coordination, providing technical assistance, and monitoring.

In addition to a variety of programs already in place, other dislocated worker services may include rapid response. Its purpose is to: 1) provide information on, and facilitate access to, available public programs and services; and 2) provide emergency assistance adapted to the particular closure or layoff. The on-site contact with the employer and/or employee representatives is preferably done within 48 hours after becoming aware of the current or projected plant closure or substantial layoff. Representatives from other resource agencies and organizations may be asked to participate. Based on the initial contact with the employer, the situation, and the number affected (usually over 20 workers), the Job Service manager determines the activation of a rapid response. Two optional approaches exist for that team aside from Job Service taking the lead.

Depending on the size of the dislocation, one option is to set up a Labor Management Committee consisting of equal representation by management and workers under the leadership of a neutral chairperson. They would facilitate an organized process for re-employment of those affected. Another option is the Community Advisory Committee composed of community and company representatives to facilitate a similar process.

Once a contact is made with the employer to verify the situation, the Job Service manager submits a written notification to the Dislocated Worker Unit. These notices are based on plant closings and substantial layoffs which result in an employment loss of 20 or more workers at a single site of employment during a 30-day period. The overall impact of the layoff on the community determines if it is a substantial layoff. The number of affected workers is not the sole determining factor.

Excluding any temporary or seasonal layoffs, the notifications received by the Dislocated Worker Unit from July 1, 1990, through June 31, 1991, totaled 46. For the 8 individual regions, the minimum was 1 notice and maximum was 12. Business closings numbered 34, while the firms with substantial layoffs totaled 12. The reasons for the closings and layoffs included: 1) poor sales, 2) losing money, 3) bankruptcy, 4) ownership change, 5) nonrenewed contracts, 6) cost factors such as freight, 7) low enrollment, 8) owner retirement, 9) relocation, 10) loss of their lease, and 11) corporate office decision.

According to the notifications, the affected workers totaled 804 in permanent part-time or full-time employment. However, some of these workers were hired by new owners, transferred, retired, withdrew from the labor market, or obtained employment on their own. Therefore, additional services were not necessary for them.

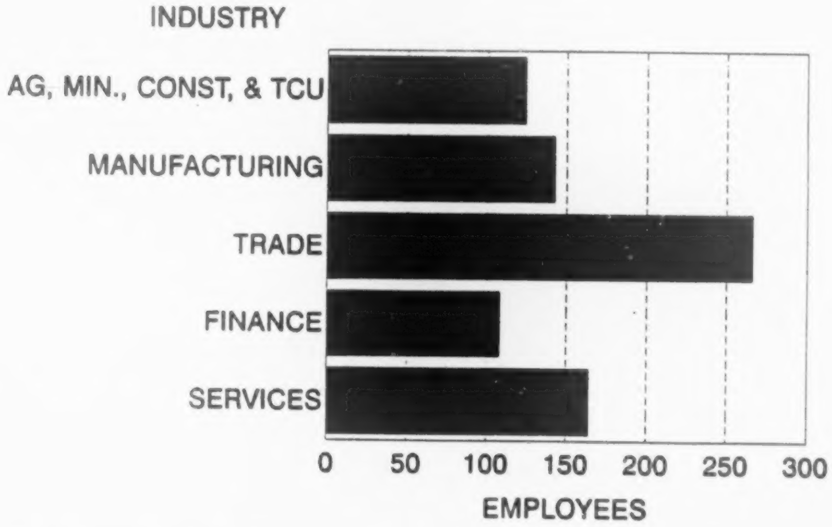
The number of occurrences within specific sizes of layoffs is called the "mode." There were four each of the following sizes: 4, 5, 6, 11, and 17 affected workers. The "median" by company shows one-half of the businesses had 11 or fewer affected workers, while the other half had 11 or more affected workers. This gives a truer picture of the layoff size and its relationship to the other businesses. The "mean" average is 804 affected workers divided by 46 notices and equaling 17.5 workers.

Rapid response was initiated for 41 of the notifications. This resulted in the development of one Labor Management Committee and one Community Advisory Committee during the Program Year 1990.

If interested in more information on the Dislocated Worker Program, contact your local Job Service North Dakota office or Barb Serr of the Dislocated Worker Unit at 224-3066.

**Barb Serr**
**Dislocated Worker Unit**

## PLANT CLOSINGS AND MASS LAYOFFS
### EMPLOYEES AFFECTED
### JULY 1990 THRU JUNE 1991



The following lists business types, the number of notices within each, the number of affected workers, and their occupations in general.

| Business type | Notices Received Per Type | Number of Permanent Workers Affected | Affected Occupations |
|---|---|---|---|
| Wholesale | 1 | 49 | Management, account representatives, merchandisers, warehouse personnel, clerical. |
| Retail | 15 | 91 | Sales, secretary/ bookkeeper, management, meat cutters, stock clerks, mechanics, glaziers, yard person, driver, laborers. |
| Restaurants | 3 | 97 | Cooks, waitresses. |
| Finance | 5 | 108 | Tellers, data entry, file clerks. |
| Manufacturing | 6 | 120 | Assemblers, cutters clerical, maintenance, sewing machine operators, mixers, production workers, shipping & receiving. |
| Seed Processing | 2 | 29 | Production workers, management. |
| Tool & Die | 1 | 5 | Tool & die related. |
| Newspaper | 1 | 17 | Printing related. |
| Plant Maintenance | 2 | 35 | Secretary, supervisors, union trades, building maintenance. |
| Hospitals & Clinics | 3 | 112 | Registered nurses, licensed practical nurses, laboratory technicians, maintenance, clerical, dietary, housekeeping, medical records, laundry, x-ray technicians, food services. |
| Schools | 3 | 34 | Teachers, cooks, custodians, secretary, bus drivers. |
| Communications | 2 | 17 | Office staff, technicians. |
| Mining | 1 | 50 | Engineers, production supervisors, clerical, heavy equipment operators, mechanics, laborers. |
| Harvesting/packaging | 1 | 40 | Laborers, pickers, packagers. |
| Total | 46 | 804 | |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | August 1991 | July 1991 | July 1991 | August 1990 | August 1990 |
| TOTAL NONAG | 269,300 | 269,500 | -0.1% | 265,550 | 1.4% |
| GOODS PRODUCING | 34,800 | 34,300 | 1.5% | 34,050 | 2.2% |
| MINING | 4,800 | 4,900 | -2.0% | 4,500 | 6.7% |
| Coal | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| Crude Petroleum & Nat. Gas | 3,200 | 3,300 | -3.0% | 3,000 | 6.7% |
| Other Mining | 550 | 550 | 0.0% | 450 | 22.2% |
| CONSTRUCTION | 12,600 | 12,200 | 3.3% | 12,300 | 2.4% |
| Building Construction | 2,900 | 2,900 | 0.0% | 2,900 | 0.0% |
| Street, Highway & Heavy | 4,000 | 3,700 | 8.1% | 3,600 | 11.1% |
| Special Trade Construction | 5,700 | 5,600 | 1.8% | 5,800 | -1.7% |
| MANUFACTURING | 17,400 | 17,200 | 1.2% | 17,250 | 0.9% |
| Durable Goods | 9,150 | 8,900 | 2.8% | 9,200 | -0.5% |
| Fabricated Metals | 1,100 | 1,100 | 0.0% | 1,200 | -8.3% |
| Machinery, Electric & Trans. Equip | 5,500 | 5,250 | 4.8% | 5,600 | -1.8% |
| Machinery & Electrical Equipment | 4,100 | 3,800 | 7.9% | 4,000 | 2.5% |
| Transportation Equipment | 1,400 | 1,450 | -3.4% | 1,600 | -12.5% |
| Other Durable Goods | 2,550 | 2,550 | 0.0% | 2,400 | 6.3% |
| Lumber & Wood | 1,150 | 1,150 | 0.0% | 1,150 | 0.0% |
| Misc Durable Goods | 1,400 | 1,400 | 0.0% | 1,250 | 12.0% |
| Nondurable Goods | 8,250 | 8,300 | -0.6% | 8,050 | 2.5% |
| Food & Kindred Products | 4,200 | 4,250 | -1.2% | 4,000 | 5.0% |
| Dairy Products | 600 | 600 | 0.0% | 700 | -14.3% |
| Grain Mill & Bakery Products | 1,200 | 1,100 | 9.1% | 1,100 | 9.1% |
| Sugar & Confectionary | 600 | 600 | 0.0% | 600 | 0.0% |
| Other Foods | 1,800 | 1,950 | -7.7% | 1,600 | 12.5% |
| Paper Products & Printing & Publishing | 2,500 | 2,500 | 0.0% | 2,500 | 0.0% |
| Other Nondurable Goods | 1,550 | 1,550 | 0.0% | 1,550 | 0.0% |
| SERVICES PRODUCING | 234,500 | 235,200 | -0.3% | 231,500 | 1.3% |
| TRAN, COMM & UTILITIES | 17,100 | 17,000 | 0.6% | 17,200 | -0.6% |
| Transportation | 8,900 | 8,700 | 2.3% | 8,800 | 1.1% |
| Trucking & Warehousing | 5,000 | 4,900 | 2.0% | 5,000 | 0.0% |
| Other Transportation | 3,900 | 3,800 | 2.6% | 3,800 | 2.6% |
| Railroads | 1,950 | 1,850 | 5.4% | 1,950 | 0.0% |
| Local & Suburban Transportation | 650 | 650 | 0.0% | 650 | 0.0% |
| Water, Air & Pipeline | 1,300 | 1,300 | 0.0% | 1,200 | 8.3% |
| Communications | 3,500 | 3,600 | -2.8% | 3,500 | 0.0% |
| Utilities | 4,700 | 4,700 | 0.0% | 4,900 | -4.1% |
| WHOLESALE TRADE | 19,300 | 19,400 | -0.5% | 19,700 | -2.0% |
| Durable Goods | 9,000 | 9,100 | -1.1% | 9,100 | -1.1% |
| Nondurable Goods | 10,300 | 10,300 | 0.0% | 10,600 | -2.8% |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | August 1991 | July 1991 | July 1991 | August 1990 | August 1990 |
| RETAIL TRADE | 53,250 | 53,150 | 0.2% | 51,700 | 3.0% |
| Hardware & Garden | 2,500 | 2,500 | 0.0% | 2,400 | 4.2% |
| General Merchandise | 7,500 | 7,300 | 2.7% | 6,300 | 19.0% |
| Food Stores | 7,400 | 7,400 | 0.0% | 7,300 | 1.4% |
| Auto Dealers & Service Stations | 6,900 | 6,900 | 0.0% | 7,000 | -1.4% |
| Apparel & Accessory | 2,500 | 2,500 | 0.0% | 2,600 | -3.8% |
| Furniture Stores | 1,650 | 1,650 | 0.0% | 1,700 | -2.9% |
| Eating & Drinking Places | 19,000 | 19,100 | -0.5% | 18,800 | 1.1% |
| Misc Retail | 5,800 | 5,800 | 0.0% | 5,600 | 3.6% |
| FINANCE, INS & REAL ESTATE | 12,750 | 12,750 | 0.0% | 12,500 | 2.0% |
| Finance | 6,550 | 6,550 | 0.0% | 6,550 | 0.0% |
| Banking | 5,600 | 5,600 | 0.0% | 5,600 | 0.0% |
| Other Finance | 950 | 950 | 0.0% | 950 | 0.0% |
| Insurance | 4,200 | 4,250 | -1.2% | 4,050 | 3.7% |
| Insurance Underwriters | 2,700 | 2,700 | 0.0% | 2,600 | 3.8% |
| Insurance Agents & Brokers | 1,500 | 1,550 | -3.2% | 1,450 | 3.4% |
| Real Estate | 2,000 | 1,950 | 2.6% | 1,900 | 5.3% |
| SERVICES | 71,500 | 71,300 | 0.3% | 69,700 | 2.6% |
| Lodging | 4,800 | 4,700 | 2.1% | 4,700 | 2.1% |
| Personal & Business | 8,200 | 8,200 | 0.0% | 8,100 | 1.2% |
| Personal Services | 3,200 | 3,200 | 0.0% | 3,100 | 3.2% |
| Business Services | 5,000 | 5,000 | 0.0% | 5,000 | 0.0% |
| Recreational Services | 2,900 | 3,000 | -3.3% | 2,900 | 0.0% |
| Health Services | 30,100 | 30,100 | 0.0% | 29,000 | 3.8% |
| Nursing & Hospital | 22,100 | 22,100 | 0.0% | 21,100 | 4.7% |
| Other Health | 8,000 | 8,000 | 0.0% | 7,900 | 1.3% |
| Educational Services | 2,600 | 2,400 | 8.3% | 2,500 | 4.0% |
| Social Services | 7,100 | 7,100 | 0.0% | 6,600 | 7.6% |
| Membership Organizations | 8,200 | 8,300 | -1.2% | 8,200 | 0.0% |
| Other Services | 7,600 | 7,500 | 1.3% | 7,700 | -1.3% |
| Auto & Misc Repair | 2,300 | 2,200 | 4.5% | 2,400 | -4.2% |
| Legal Services | 1,500 | 1,500 | 0.0% | 1,500 | 0.0% |
| Misc Services | 3,800 | 3,800 | 0.0% | 3,800 | 0.0% |
| GOVERNMENT | 60,600 | 61,600 | -1.6% | 60,700 | -0.2% |
| Federal | 10,300 | 10,300 | 0.0% | 10,400 | -1.0% |
| State & Local | 50,300 | 51,300 | -1.9% | 50,300 | 0.0% |
| State Government | 17,600 | 18,300 | -3.8% | 17,300 | 1.7% |
| Educational Services | 10,000 | 10,600 | -5.7% | 10,000 | 0.0% |
| Other State Government | 7,600 | 7,700 | -1.3% | 7,300 | 4.1% |
| Local Government | 32,700 | 33,000 | -0.9% | 33,000 | -0.9% |
| Educational Services | 13,600 | 13,900 | -2.2% | 13,500 | 0.7% |
| Other Local Government | 19,100 | 19,100 | 0.0% | 19,500 | -2.1% |

# BISMARCK MSA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | August 1991 | July 1991 | July 1991 | August 1990 | August 1990 |
| **TOTAL NONAG** | 42,150 | 41,500 | 1.6% | 40,250 | 4.7% |
| **GOODS PRODUCING** | 4,950 | 4,950 | 0.0% | 4,500 | 10.0% |
| **MINING & CONSTRUCTION** | 2,600 | 2,600 | 0.0% | 2,200 | 18.2% |
| **MANUFACTURING** | 2,350 | 2,350 | 0.0% | 2,300 | 2.2% |
| **Durable Goods** | 1,000 | 1,000 | 0.0% | 1,000 | 0.0% |
| **Nondurable Goods** | 1,350 | 1,350 | 0.0% | 1,300 | 3.8% |
| **SERVICES PRODUCING** | 37,200 | 36,550 | 1.8% | 35,750 | 4.1% |
| **TRANS, COMM. & UTILITIES** | 2,950 | 2,950 | 0.0% | 2,850 | 3.5% |
| **Transportation** | 1,250 | 1,250 | 0.0% | 1,200 | 4.2% |
| **Communications & Utilities** | 1,700 | 1,700 | 0.0% | 1,650 | 3.0% |
| **WHOLESALE TRADE** | 2,100 | 2,100 | 0.0% | 2,200 | -4.5% |
| **RETAIL TRADE** | 8,700 | 8,450 | 3.0% | 8,350 | 4.2% |
| General Merchandise & Apparel | 1,750 | 1,700 | 2.9% | 1,600 | 9.4% |
| Food Stores | 1,100 | 1,050 | 4.8% | 1,050 | 4.8% |
| Auto Dealers & Service Stations | 1,050 | 1,000 | 5.0% | 1,100 | -4.5% |
| Eating & Drinking Places | 3,000 | 2,900 | 3.4% | 2,900 | 3.4% |
| Other Retail | 1,800 | 1,800 | 0.0% | 1,700 | 5.9% |
| **FINANCE, INS. & REAL ESTATE** | 1,550 | 1,500 | 3.3% | 1,550 | 0.0% |
| **SERVICES** | 13,100 | 12,700 | 3.1% | 12,250 | 6.9% |
| Lodging | 1,050 | 1,000 | 5.0% | 950 | 10.5% |
| Personal & Business | 1,500 | 1,550 | -3.2% | 1,450 | 3.4% |
| Health Services | 5,600 | 5,500 | 1.8% | 5,200 | 7.7% |
| Educational Services | 650 | 400 | 62.5% | 350 | 85.7% |
| Social Services | 1,250 | 1,250 | 0.0% | 1,150 | 8.7% |
| Membership Organizations | 1,250 | 1,250 | 0.0% | 1,350 | -7.4% |
| Other Services | 1,800 | 1,750 | 2.9% | 1,800 | 0.0% |
| **GOVERNMENT** | 8,800 | 8,850 | -0.6% | 8,550 | 2.9% |
| **Federal** | 1,150 | 1,150 | 0.0% | 1,150 | 0.0% |
| **State** | 4,150 | 4,200 | -1.2% | 4,050 | 2.5% |
| State Education | 250 | 300 | -16.7% | 250 | 0.0% |
| Other State | 3,900 | 3,900 | 0.0% | 3,800 | 2.6% |
| **Local** | 3,500 | 3,500 | 0.0% | 3,350 | 4.5% |
| Local Education | 1,500 | 1,500 | 0.0% | 1,600 | -6.3% |
| Other Local | 2,000 | 2,000 | 0.0% | 1,750 | 14.3% |

# FARGO-MOORHEAD MSA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | August 1991 | July 1991 | July 1991 | August 1990 | August 1990 |
| TOTAL NONAG | 78,700 | 78,600 | 0.1% | 76,900 | 2.3% |
| GOODS PRODUCING | 10,250 | 9,850 | 4.1% | 10,500 | -2.4% |
| MINING & CONSTRUCTION | 4,400 | 4,300 | 2.3% | 4,500 | -2.2% |
| Special Trade | 2,200 | 2,200 | 0.0% | 2,300 | -4.3% |
| Other Mining & Construction | 2,200 | 2,100 | 4.8% | 2,200 | 0.0% |
| MANUFACTURING | 5,850 | 5,550 | 5.4% | 6,000 | -2.5% |
| Durable Goods | 2,900 | 2,700 | 7.4% | 3,050 | -4.9% |
| Fabricated Metals & Machinery | 1,550 | 1,400 | 10.7% | 1,600 | -3.1% |
| Other Durable Goods | 1,350 | 1,300 | 3.8% | 1,450 | -6.9% |
| Nondurable Goods | 2,950 | 2,850 | 3.5% | 2,950 | 0.0% |
| Food & Kindred | 1,900 | 1,800 | 5.6% | 1,900 | 0.0% |
| Other Nondurable Goods | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| SERVICES PRODUCING | 68,450 | 68,750 | -0.4% | 66,400 | 3.1% |
| TRANS, COMM & UTILITIES | 4,800 | 4,800 | 0.0% | 4,700 | 2.1% |
| Trucking & Warehousing | 2,300 | 2,300 | 0.0% | 2,200 | 4.5% |
| Other Transportation | 900 | 900 | 0.0% | 900 | 0.0% |
| Communications & Utilities | 1,600 | 1,600 | 0.0% | 1,600 | 0.0% |
| WHOLESALE TRADE | 6,900 | 7,000 | -1.4% | 6,900 | 0.0% |
| Durable Goods | 3,800 | 3,900 | -2.6% | 3,900 | -2.6% |
| Nondurable Goods | 3,100 | 3,100 | 0.0% | 3,000 | 3.3% |
| RETAIL TRADE | 16,200 | 16,100 | 0.6% | 15,800 | 2.5% |
| General Merchandise & Apparel | 3,200 | 3,200 | 0.0% | 2,900 | 10.3% |
| Food Stores | 2,100 | 2,100 | 0.0% | 2,100 | 0.0% |
| Auto Dealers & Service Stations | 2,000 | 2,000 | 0.0% | 2,000 | 0.0% |
| Eating & Drinking Places | 6,100 | 6,000 | 1.7% | 6,000 | 1.7% |
| Other Retail | 2,800 | 2,800 | 0.0% | 2,800 | 0.0% |
| FINANCE, INS & REAL ESTATE | 4,750 | 4,750 | 0.0% | 4,650 | 2.2% |
| Finance | 2,000 | 2,000 | 0.0% | 2,000 | 0.0% |
| Insurance Carriers | 1,600 | 1,600 | 0.0% | 1,550 | 3.2% |
| Other Insurance & Real Estate | 1,150 | 1,150 | 0.0% | 1,100 | 4.5% |
| SERVICES | 22,400 | 22,400 | 0.0% | 21,250 | 5.4% |
| Lodging | 1,400 | 1,400 | 0.0% | 1,400 | 0.0% |
| Personal & Business | 3,900 | 3,800 | 2.6% | 3,600 | 8.3% |
| Recreation & Amusement | 1,050 | 1,150 | -8.7% | 950 | 10.5% |
| Health Services | 8,400 | 8,400 | 0.0% | 8,100 | 3.7% |
| Educational Services | 1,500 | 1,500 | 0.0% | 1,400 | 7.1% |
| Social Services | 1,850 | 1,800 | 2.8% | 1,650 | 12.1% |
| Membership Organizations | 1,500 | 1,550 | -3.2% | 1,450 | 3.4% |
| Other Services | 2,800 | 2,800 | 0.0% | 2,700 | 3.7% |
| GOVERNMENT | 13,400 | 13,700 | -2.2% | 13,100 | 2.3% |
| Federal | 2,300 | 2,300 | 0.0% | 2,300 | 0.0% |
| State | 4,800 | 4,800 | 0.0% | 5,100 | -5.9% |
| State Education | 4,200 | 4,200 | 0.0% | 4,500 | -6.7% |
| Other State | 600 | 600 | 0.0% | 600 | 0.0% |
| Local | 6,300 | 6,600 | -4.5% | 5,700 | 10.5% |
| Local Education | 3,200 | 3,400 | -5.9% | 2,800 | 14.3% |
| Other Local | 3,100 | 3,200 | -3.1% | 2,900 | 6.9% |

# GRAND FORKS MSA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | August 1991 | July 1991 | July 1991 | August 1990 | August 1990 |
| TOTAL NONAG | 31,350 | 31,550 | -0.6% | 30,450 | 3.0% |
| GOODS PRODUCING | 2,850 | 3,050 | -6.6% | 2,800 | 1.8% |
| MINING & CONSTRUCTION | 1,400 | 1,400 | 0.0% | 1,550 | -9.7% |
| MANUFACTURING | 1,450 | 1,650 | -12.1% | 1,250 | 16.0% |
| Durable Goods | 600 | 650 | -7.7% | 550 | 9.1% |
| Nondurable Goods | 850 | 1,000 | -15.0% | 700 | 21.4% |
| SERVICES PRODUCING | 28,500 | 28,500 | 0.0% | 27,650 | 3.1% |
| TRANS, COMM. & UTILITIES | 1,700 | 1,750 | -2.9% | 1,650 | 3.0% |
| Transportation | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| Communications & Utilities | 650 | 700 | -7.1% | 650 | 0.0% |
| WHOLESALE TRADE | 1,600 | 1,600 | 0.0% | 1,600 | 0.0% |
| RETAIL TRADE | 8,000 | 7,900 | 1.3% | 7,650 | 4.6% |
| General Merchandise & Apparel | 2,100 | 2,000 | 5.0% | 1,850 | 13.5% |
| Eating & Drinking Places | 2,900 | 2,900 | 0.0% | 2,900 | 0.0% |
| Other Retail | 3,000 | 3,000 | 0.0% | 2,900 | 3.4% |
| FINANCE, INS. & REAL ESTATE | 1,100 | 1,100 | 0.0% | 1,100 | 0.0% |
| SERVICES | 7,750 | 7,650 | 1.3% | 7,250 | 6.9% |
| Personal & Business | 1,050 | 1,050 | 0.0% | 950 | 10.5% |
| Health Services | 3,100 | 3,000 | 3.3% | 2,900 | 6.9% |
| Other Services | 3,600 | 3,600 | 0.0% | 3,400 | 5.9% |
| GOVERNMENT | 8,350 | 8,500 | -1.8% | 8,400 | -0.6% |
| Federal | 1,500 | 1,500 | 0.0% | 1,550 | -3.2% |
| State | 4,500 | 4,700 | -4.3% | 4,600 | -2.2% |
| State Education | 4,000 | 4,200 | -4.8% | 4,100 | -2.4% |
| Other State | 500 | 500 | 0.0% | 500 | 0.0% |
| Local | 2,350 | 2,300 | 2.2% | 2,250 | 4.4% |
| Local Education | 1,000 | 950 | 5.3% | 1,000 | 0.0% |
| Other Local | 1,350 | 1,350 | 0.0% | 1,250 | 8.0% |

## UNITED STATES

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | AUG 1991 | JUL 1991 | AUG 1990 | AUG 1991 | JUL 1991 | AUG 1990 | AUG 1991 | JUL 1991 | AUG 1990 |
| MANUFACTURING | 458.08 | 453.29 | 441.05 | 40.9 | 40.4 | 40.8 | 11.20 | 11.22 | 10.81 |
| Durable Goods | 486.16 | 480.67 | 468.76 | 41.2 | 40.7 | 41.3 | 11.80 | 11.81 | 11.35 |
| Nondurable Goods | 422.42 | 417.35 | 407.43 | 40.5 | 39.9 | 40.3 | 10.43 | 10.46 | 10.11 |

## NORTH DAKOTA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | AUG 1991 | JUL 1991 | AUG 1990 | AUG 1991 | JUL 1991 | AUG 1990 | AUG 1991 | JUL 1991 | AUG 1990 |
| MANUFACTURING | 370.93 | 367.35 | 353.13 | 40.1 | 39.5 | 39.5 | 9.25 | 9.30 | 8.94 |
| Durable Goods | 390.29 | 385.92 | 377.80 | 41.3 | 40.2 | 41.2 | 9.45 | 9.60 | 9.17 |
| Nondurable Goods | 348.30 | 345.59 | 321.53 | 38.7 | 38.7 | 37.3 | 9.00 | 8.93 | 8.62 |
| Food & Kindred | 366.61 | 352.63 | 319.98 | 41.1 | 40.3 | 37.6 | 8.92 | 8.75 | 8.51 |

## FARGO-MOORHEAD MSA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | AUG 1991 | JUL 1991 | AUG 1990 | AUG 1991 | JUL 1991 | AUG 1990 | AUG 1991 | JUL 1991 | AUG 1990 |
| MANUFACTURING | 347.06 | 338.96 | 345.43 | 37.0 | 38.0 | 38.9 | 9.38 | 8.92 | 8.88 |
| Durable Goods | 358.27 | 343.09 | 358.90 | 39.5 | 39.3 | 41.3 | 9.07 | 8.73 | 8.69 |
| Nondurable Goods | 334.43 | 335.62 | 331.60 | 34.3 | 36.8 | 36.4 | 9.75 | 9.12 | 9.11 |

# LABOR FORCE

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| Benchmark 90/1 | August 1991 | July 1991 | July 1991 | August 1990 | August 1990 |
| **UNITED STATES *** | | | | | |
| (In Thousands) | | | | | |
| Labor Force | 124,904 | 125,214 | -0.2% | 124,705 | 0.2% |
| Employment | 116,416 | 116,713 | -0.3% | 117,690 | -1.1% |
| Unemployment | 8,488 | 8,501 | -0.2% | 7,015 | 21.0% |
| Unemployment Rate | 6.8% | 6.8% | xxx | 5.6% | xxx |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 326,130 | 326,540 | -0.1% | 337,660 | -3.4% |
| Employment | 311,980 | 313,700 | -0.5% | 326,030 | -4.3% |
| Unemployment | 14,150 | 12,840 | 10.2% | 11,630 | 21.7% |
| Unemployment Rate | 4.3% | 3.9% | xxx | 3.4% | xxx |
| **BISMARCK MSA** | | | | | |
| Labor Force | 48,920 | 48,720 | 0.4% | 49,140 | -0.4% |
| Employment | 47,020 | 46,820 | 0.4% | 47,580 | -1.2% |
| Unemployment | 1,900 | 1,900 | 0.0% | 1,560 | 21.8% |
| Unemployment Rate | 3.9% | 3.9% | xxx | 3.2% | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 88,790 | 90,750 | -2.2% | 90,030 | -1.4% |
| Employment | 86,350 | 88,150 | -2.0% | 87,960 | -1.8% |
| Unemployment | 2,440 | 2,600 | -6.2% | 2,070 | 17.9% |
| Unemployment Rate | 2.7% | 2.9% | xxx | 2.3% | xxx |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 35,440 | 35,560 | -0.3% | 36,220 | -2.2% |
| Employment | 33,940 | 34,380 | -1.3% | 34,910 | -2.8% |
| Unemployment | 1,500 | 1,180 | 27.1% | 1,310 | 14.5% |
| Unemployment Rate | 4.2% | 3.3% | xxx | 3.6% | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

* Break in Series. Data published for May 1991 and all prior months included the resident Armed Forces. Data for June 1991 and subsequent months excludes the resident Armed Forces.

The Bismarck Metropolitan Statistical Area (MSA) includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.
The Grand Forks MSA includes Grand Forks County.

## BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
JUL 1991

| | NORTH DAKOTA | MINNESOTA | SOUTH DAKOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 326.5 | 2,502.0 | 363.2 | 409.0 |
| Employment | 313.7 | 2,392.9 | 351.4 | 383.9 |
| Unemployment | 12.8 | 109.1 | 11.8 | 25.1 |
| Unemployment Rate | 3.9% | 4.4% | 3.2% | 6.1% |

## U. S. CONSUMER PRICE INDEX

## ALL URBAN CONSUMERS

(1982-84 = 100)

| ITEM | ANNUAL AVERAGE 1990 | AUG 1991 | JUL 1991 | Percent Change From JUL 1991 | AUG 1990 | Percent Change From AUG 1990 |
|---|---|---|---|---|---|---|
| All Items | 130.7 | 136.6 | 136.2 | 0.3% | 131.6 | 3.8% |
| Food & Beverage | 132.1 | 136.6 | 137.1 | -0.4% | 132.7 | 2.9% |
| Housing | 128.5 | 134.5 | 134.2 | 0.2% | 130.2 | 3.3% |
| Apparel & Upkeep | 124.1 | 127.6 | 125.2 | 1.9% | 122.2 | 4.4% |
| Transportation | 120.5 | 123.8 | 123.4 | 0.3% | 120.6 | 2.7% |
| Medical Care | 162.8 | 178.9 | 177.5 | 0.8% | 165.0 | 8.4% |
| Entertainment | 132.4 | 139.2 | 138.6 | 0.4% | 133.0 | 4.7% |
| All Other | 159.0 | 172.2 | 170.8 | 0.8% | 160.4 | 7.4% |

## PRODUCER PRICE INDEX

## UNITED STATES AVERAGE

| ITEM | ANNUAL AVERAGE 1990 | AUG 1991 | JUL 1991 | Percent Change From JUL 1991 | AUG 1990 | Percent Change From AUG 1990 |
|---|---|---|---|---|---|---|
| All Commodities | 116.3 | 116.2 | 116.0 | 0.2% | 116.5 | -0.3% |
| Farm Products & Processed Foods and Feeds | 118.6 | 115.3 | 116.3 | -0.9% | 119.1 | -3.2% |
| Industrial Commodities | 115.8 | 116.4 | 116.0 | 0.3% | 115.9 | 0.4% |

# LABOR FORCE - BY COUNTY - BY REGION

| Benchmark 90/1 | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AUG'91 | JUL'91 | AUG'90 | AUG'91 | JUL'91 | AUG'90 | AUG'91 | JUL'91 | AUG'90 | AUG'91 | JUL'91 | AUG'90 |
| Divide | 1,260 | 1,261 | 1,387 | 1,232 | 1,231 | 1,360 | 28 | 30 | 27 | 2.2% | 2.4% | 1.9% |
| McKenzie | 2,475 | 2,374 | 2,831 | 2,360 | 2,259 | 2,740 | 115 | 115 | 91 | 4.6% | 4.8% | 3.2% |
| Williams | 11,554 | 11,267 | 11,787 | 10,817 | 10,771 | 11,418 | 737 | 496 | 369 | 6.4% | 4.4% | 3.1% |
| **REGION 1** | **15,289** | **14,902** | **16,005** | **14,409** | **14,261** | **15,518** | **880** | **641** | **487** | **5.8%** | **4.3%** | **3.0%** |
| Bottineau | 3,027 | 3,060 | 3,318 | 2,902 | 2,945 | 3,192 | 125 | 115 | 126 | 4.1% | 3.8% | 3.8% |
| Burke | 1,191 | 1,213 | 1,259 | 1,125 | 1,150 | 1,220 | 66 | 63 | 39 | 5.5% | 5.2% | 3.1% |
| McHenry | 2,366 | 2,321 | 2,586 | 2,189 | 2,155 | 2,376 | 177 | 166 | 210 | 7.5% | 7.2% | 8.1% |
| Mountrail | 3,285 | 3,266 | 3,399 | 3,035 | 3,051 | 3,197 | 250 | 215 | 202 | 7.6% | 6.6% | 5.9% |
| Pierce | 2,347 | 2,362 | 2,541 | 2,278 | 2,298 | 2,494 | 69 | 64 | 47 | 2.9% | 2.7% | 1.8% |
| Renville | 1,138 | 1,141 | 1,183 | 1,074 | 1,089 | 1,156 | 64 | 52 | 27 | 5.6% | 4.6% | 2.3% |
| Ward | 25,796 | 26,196 | 26,717 | 24,778 | 25,285 | 25,789 | 1,018 | 911 | 928 | 3.9% | 3.5% | 3.5% |
| **REGION 2** | **39,150** | **39,559** | **41,003** | **37,381** | **37,973** | **39,424** | **1,769** | **1,586** | **1,579** | **4.5%** | **4.0%** | **3.9%** |
| Benson | 2,755 | 2,670 | 3,034 | 2,496 | 2,455 | 2,771 | 259 | 215 | 263 | 9.4% | 8.1% | 8.7% |
| Cavalier | 2,426 | 2,440 | 2,630 | 2,329 | 2,329 | 2,532 | 97 | 111 | 98 | 4.0% | 4.5% | 3.7% |
| Eddy | 1,285 | 1,286 | 1,416 | 1,202 | 1,209 | 1,348 | 83 | 77 | 68 | 6.5% | 6.0% | 4.8% |
| Ramsey | 6,552 | 6,577 | 6,889 | 6,380 | 6,384 | 6,719 | 172 | 193 | 170 | 2.6% | 2.9% | 2.5% |
| Rolette | 4,313 | 4,015 | 4,703 | 3,467 | 3,328 | 3,840 | 846 | 687 | 863 | 19.6% | 17.1% | 18.3% |
| Towner | 1,728 | 1,743 | 1,846 | 1,692 | 1,685 | 1,810 | 36 | 58 | 36 | 2.1% | 3.3% | 2.0% |
| **REGION 3** | **19,059** | **18,731** | **20,518** | **17,566** | **17,390** | **19,020** | **1,493** | **1,341** | **1,498** | **7.8%** | **7.2%** | **7.3%** |
| Grand Forks | 35,441 | 35,561 | 36,216 | 33,938 | 34,379 | 34,910 | 1,503 | 1,182 | 1,306 | 4.2% | 3.3% | 3.6% |
| Nelson | 1,757 | 1,774 | 1,909 | 1,710 | 1,712 | 1,851 | 47 | 62 | 58 | 2.7% | 3.5% | 3.0% |
| Pembina | 5,391 | 5,094 | 5,519 | 4,574 | 4,696 | 4,971 | 817 | 398 | 548 | 15.2% | 7.8% | 9.9% |
| Walsh | 7,470 | 7,718 | 7,930 | 7,152 | 7,387 | 7,572 | 318 | 331 | 358 | 4.3% | 4.3% | 4.5% |
| **REGION 4** | **50,059** | **50,147** | **51,574** | **47,374** | **48,174** | **49,304** | **2,685** | **1,973** | **2,270** | **5.4%** | **3.9%** | **4.4%** |
| Cass | 62,425 | 62,869 | 63,925 | 60,976 | 61,386 | 62,805 | 1,449 | 1,483 | 1,120 | 2.3% | 2.4% | 1.8% |
| Ransom | 2,669 | 2,681 | 2,832 | 2,608 | 2,618 | 2,789 | 61 | 63 | 43 | 2.3% | 2.3% | 1.5% |
| Richland | 8,500 | 8,604 | 8,790 | 8,086 | 8,127 | 8,451 | 414 | 477 | 339 | 4.9% | 5.5% | 3.9% |
| Sargent | 2,811 | 2,839 | 2,886 | 2,757 | 2,772 | 2,850 | 54 | 67 | 36 | 1.9% | 2.4% | 1.2% |
| Steele | 1,055 | 1,046 | 1,156 | 1,043 | 1,018 | 1,129 | 12 | 28 | 27 | 1.1% | 2.7% | 2.3% |
| Traill | 3,870 | 4,045 | 4,197 | 3,662 | 3,814 | 4,027 | 208 | 231 | 170 | 5.4% | 5.7% | 4.1% |
| **REGION 5** | **81,330** | **82,084** | **83,786** | **79,132** | **79,735** | **82,051** | **2,198** | **2,349** | **1,735** | **2.7%** | **2.9%** | **2.1%** |

# LABOR FORCE - BY COUNTY - BY REGION

| Benchmark 90/1 | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AUG'91 | JUL'91 | AUG'90 | AUG'91 | JUL'91 | AUG'90 | AUG'91 | JUL'91 | AUG'90 | AUG'91 | JUL'91 | AUG'90 |
| Barnes | 5,580 | 5,695 | 5,872 | 5,436 | 5,517 | 5,721 | 144 | 178 | 151 | 2.6% | 3.1% | 2.6% |
| Dickey | 2,971 | 2,966 | 3,172 | 2,900 | 2,871 | 3,092 | 71 | 95 | 80 | 2.4% | 3.2% | 2.5% |
| Foster | 2,054 | 2,069 | 2,207 | 1,998 | 2,008 | 2,147 | 56 | 61 | 60 | 2.7% | 2.9% | 2.7% |
| Griggs | 1,398 | 1,424 | 1,547 | 1,362 | 1,385 | 1,519 | 36 | 39 | 28 | 2.6% | 2.7% | 1.8% |
| La Moure | 2,146 | 2,167 | 2,303 | 2,111 | 2,131 | 2,264 | 35 | 36 | 39 | 1.6% | 1.7% | 1.7% |
| Logan | 1,374 | 1,353 | 1,462 | 1,311 | 1,325 | 1,429 | 63 | 28 | 33 | 4.6% | 2.1% | 2.3% |
| McIntosh | 2,071 | 2,068 | 2,251 | 2,045 | 2,038 | 2,221 | 26 | 30 | 30 | 1.3% | 1.5% | 1.3% |
| Stutsman | 11,079 | 11,065 | 11,980 | 10,761 | 10,677 | 11,692 | 318 | 388 | 288 | 2.9% | 3.5% | 2.4% |
| Wells | 2,625 | 2,719 | 2,807 | 2,503 | 2,585 | 2,684 | 122 | 134 | 123 | 4.6% | 4.9% | 4.4% |
| REGION 6 | 31,298 | 31,526 | 33,601 | 30,427 | 30,537 | 32,769 | 871 | 989 | 832 | 2.8% | 3.1% | 2.5% |
| Burleigh | 35,771 | 35,639 | 35,973 | 34,506 | 34,357 | 34,913 | 1,265 | 1,282 | 1,060 | 3.5% | 3.6% | 2.9% |
| Emmons | 2,117 | 2,088 | 2,251 | 2,063 | 2,042 | 2,201 | 54 | 46 | 50 | 2.6% | 2.2% | 2.2% |
| Grant | 1,782 | 1,708 | 1,871 | 1,664 | 1,649 | 1,817 | 118 | 59 | 54 | 6.6% | 3.5% | 2.9% |
| Kidder | 1,400 | 1,420 | 1,520 | 1,337 | 1,349 | 1,427 | 63 | 71 | 93 | 4.5% | 5.0% | 6.1% |
| McLean | 4,402 | 4,392 | 4,475 | 4,140 | 4,155 | 4,291 | 262 | 237 | 184 | 6.0% | 5.4% | 4.1% |
| Mercer | 5,749 | 5,851 | 5,805 | 5,342 | 5,397 | 5,554 | 407 | 454 | 251 | 7.1% | 7.8% | 4.3% |
| Morton | 13,147 | 13,080 | 13,159 | 12,517 | 12,463 | 12,664 | 630 | 617 | 495 | 4.8% | 4.7% | 3.8% |
| Oliver | 1,095 | 1,090 | 1,094 | 1,032 | 1,033 | 1,064 | 63 | 57 | 30 | 5.8% | 5.2% | 2.7% |
| Sheridan | 1,132 | 1,133 | 1,208 | 1,094 | 1,106 | 1,175 | 38 | 27 | 33 | 3.4% | 2.4% | 2.7% |
| Sioux | 1,267 | 1,163 | 1,228 | 789 | 793 | 842 | 478 | 370 | 386 | 37.7% | 31.8% | 31.4% |
| REGION 7 | 67,862 | 67,564 | 68,584 | 64,484 | 64,344 | 65,948 | 3,378 | 3,220 | 2,636 | 5.0% | 4.8% | 3.8% |
| Adams | 1,785 | 1,822 | 1,814 | 1,743 | 1,783 | 1,784 | 42 | 39 | 30 | 2.4% | 2.1% | 1.7% |
| Billings | 1,333 | 1,284 | 1,251 | 1,305 | 1,269 | 1,235 | 28 | 15 | 16 | 2.1% | 1.2% | 1.3% |
| Bowman | 2,211 | 2,228 | 2,269 | 2,148 | 2,155 | 2,249 | 63 | 73 | 20 | 2.8% | 3.3% | 0.9% |
| Dunn | 1,609 | 1,611 | 1,738 | 1,527 | 1,536 | 1,670 | 82 | 75 | 68 | 5.1% | 4.7% | 3.9% |
| Gldn Valley | 1,020 | 1,019 | 1,080 | 989 | 989 | 1,066 | 31 | 30 | 14 | 3.0% | 2.9% | 1.3% |
| Hettinger | 1,637 | 1,648 | 1,820 | 1,595 | 1,603 | 1,754 | 42 | 45 | 66 | 2.6% | 2.7% | 3.6% |
| Slope | 452 | 445 | 482 | 431 | 417 | 458 | 21 | 28 | 24 | 4.6% | 6.3% | 5.0% |
| Stark | 12,039 | 11,976 | 12,137 | 11,471 | 11,539 | 11,781 | 568 | 437 | 356 | 4.7% | 3.6% | 2.9% |
| REGION 8 | 22,086 | 22,033 | 22,591 | 21,209 | 21,291 | 21,997 | 877 | 742 | 594 | 4.0% | 3.4% | 2.6% |
| **STATE TOTALS** | 326,132 | 326,548 | 337,664 | 311,982 | 313,704 | 326,032 | 14,150 | 12,844 | 11,632 | 4.3% | 3.9% | 3.4% |

## DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
**216 Second Street**
**Phone: 224-2880**

**BEULAH**
**119 East Main**
**Phone: 873-5607**

**DEVILS LAKE**
**301 South College Drive**
**Phone: 662- 2181**

**DICKINSON**
**66 Osborn Drive**
**Phone: 227-2361**

**FARGO**
**1350 32nd Street South**
**Phone: 239-7100**

**NDSU-FARGO**
**Career Services**
**211 Ceres Hall**
**Phone: 237-7111**

**FORT TOTTEN**
**Tribal Building**
**Phone: 766-4221, Ext. 45**

**FORT YATES**
**Job Service Building**
**Phone: 854-7463**

**GRAFTON**
**927 12th St. West**
**Phone: 352-4450**

**GRAND FORKS**
**2016 South Washington**
**Phone: 777-3711**

**UND-GRAND FORKS**
**McCannel Hall- Room 141**
**Phone: 777-3904**

**HARVEY**
**119 9th St. West**
**Phone: 324-4552**

**HETTINGER**
**606 2nd Avenue North**
**Phone: 567-2156**

**JAMESTOWN**
**429 2nd Street Southwest**
**Phone: 251-2256**

**MANDAN**
**501 1st Street Northwest**
**Phone: 663-6461**

**MINOT**
**3416 North Broadway**
**Phone: 857-7650**

**NEW TOWN**
**Tribal Administration Building**
**Phone: 627-4390**

**OAKES**
**517 Main Ave.**
**PHONE: 742-2546**

**ROLLA**
**103 East Main**
**Phone: 477-5631**

**VALLEY CITY**
**2425 West Main**
**Phone: 845-7261**

**WAHPETON**
**524 2nd Avenue North**
**Phone: 671-2711**

**WILLISTON**
**422 1st Avenue West**
**Phone: 774-4370**